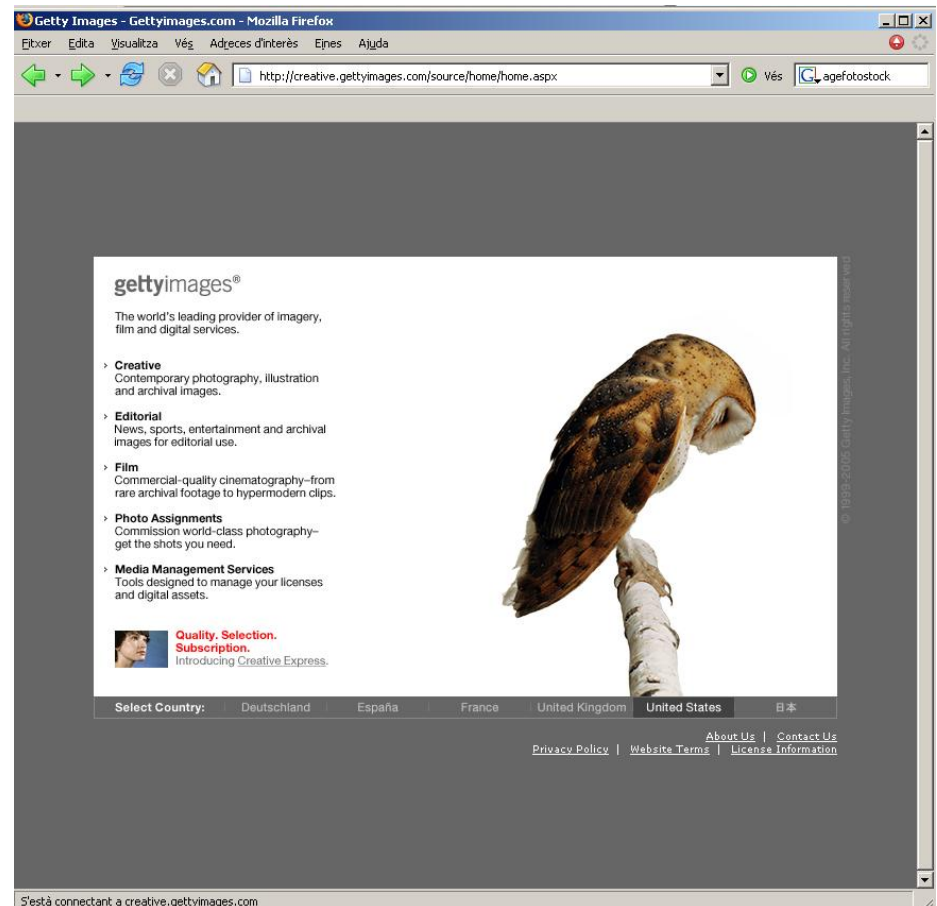
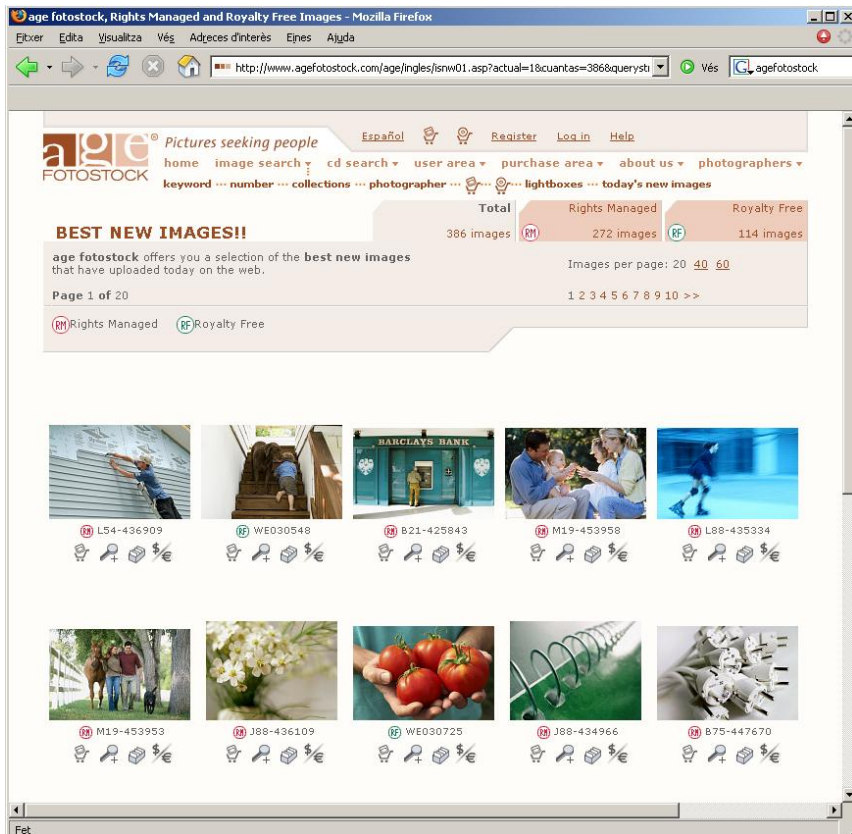


ImageSoft Corporation

Els clients de l'empresa ImageSoft Corporation són empreses com ara Agephotostock (www.agephotostock.com) , gettyimages (<http://creative.gettyimages.com>), que són empreses que venen imatges.



ImageSoft Corporation

ImageSoft proveeix aquestes empreses amb software de gestió.

Actualment l'empresa s'està plantejant un canvi d'estratègia i pretén començar a oferir-los software més intel·ligent que permeti incrementar la productivitat d'alguns dels seus processos.

Una de les necessitats que han detectat en aquestes empreses és l'anotació automàtica de les imatges que tenen a la base de dades, cada imatge té una sèrie de paraules del diccionari anglès que descriuen el seu contingut i que permeten fer cerques selectives:



The screenshot shows a Mozilla Firefox browser window displaying the search results for the keyword 'red' on the agefotostock website. The page features a navigation bar with the site logo 'age FOTOSTOCK' and the tagline 'Pictures seeking people'. The search results section shows '23906 images' found for the keyword 'red'. Below the search bar, there are three columns of filters: 'Search all' (with 'Rights Managed' unchecked and 'Royalty Free' checked), 'Search on all topics' (with various categories like 'Historical & Fine Arts', 'World Locations', 'Concepts', etc., all checked), and 'Other search criteria' (with 'Horizontal', 'Vertical', 'Square-sized', and 'Panoramic' checked, and 'Black & White' and 'Color' unchecked). A link for 'FREE RESEARCH' is visible at the bottom.

ImageSoft Corporation

El resultat de la cerca:

age fotostock, Rights Managed and Royalty Free Images - Mozilla Firefox

Eibar Edita Visualitza Vég Adreces d'interès Eines Ajuda

http://www.agefotostock.com/age/ingles/iskw01.asp?actual=1&cuantas=23906&tam=1& Vés agefotostock

age Pictures seeking people
FOTOSTOCK home image search cd search user area purchase area about us photographers

Español Register Log in Help

SEARCH RESULTS: Royalty Free RF 23906 images

Keyword search on: red Images per page: 20 40 60

red NEW SEARCH Page 1 of 1196 1 2 3 4 5 6 7 8 9 10 >>

Search all:
 Rights Managed
 Royalty Free

Search on all topics:
 Historical & Fine Arts
 Celebrities
 Creative
 Science & Industry
 Nature
 Contemporary

Other search criteria:
 Horizontal
 Vertical
 Square-sized
 Panoramic
 Black & White
 Color

Need a selection of images? [Click here](#) for FREE RESEARCH

The search results are displayed in a grid of 10 items, each with a thumbnail image, a unique ID, and a set of icons for actions like zoom, download, and purchase. The items include:

- WES-01088CS-U: A basket of red peaches.
- NGR-INGSAHE0119: A red floral patterned bag.
- MDS-705022: A woman sitting with a red bag.
- WE012415: A red fox.
- BDL-010629BL: A man sitting on a toilet with a red hat.
- ISL-J3135013: A red-headed bird.
- BDL-010791BL: Red Christmas ornaments.
- VSK-LS0104008MT: A woman reading a book.
- CD075072: Two large red cabbages.
- HMR-1217_0008: A red stamp that says "PAST DUE".

Fet

ImageSoft Corporation

Descripció d'una imatge:

age fotostock, Rights Managed and Royalty Free Images - Mozilla Firefox

er Edita Visualitza Vég Adreces d'interès Eines Ajuda


http://www.agefotostock.com/age/ingles/enim01.asp?foto=4579146&light=&foto_clave= Vés agefotostock

age® Pictures seeking people
FOTOSTOCK

Español Register Log in Help

home image search cd search user area purchase area about us photographers

your best bet tips submitting images FAQ'S on-line images info-pack log in



WES-01088CS-U - Creativ Studio Heinem

[Download comp image](#)

By downloading the image above you agree to the terms and conditions of the [Comping License Agreement for Royalty Free Images](#)

Royalty Free

Source Agency
Fotoagentur Westend61

Image description
Elstar apples

HI-RES availability

- A9+ (1 MB - 72ppi RGB)
- A5 (12 MB - 300ppi RGB)
- A4 (28 MB - 300ppi RGB)
- A4+ (48 MB - 300ppi RGB)

Available as single image only

Searchable keywords for this image

<input type="checkbox"/> above	<input type="checkbox"/> foodstuff	<input type="checkbox"/> package
<input type="checkbox"/> apple	<input type="checkbox"/> fresh	<input type="checkbox"/> packing
<input type="checkbox"/> apples	<input type="checkbox"/> freshness	<input type="checkbox"/> plastic
<input type="checkbox"/> bowl	<input type="checkbox"/> fruit	<input type="checkbox"/> plastic bowl
<input type="checkbox"/> clipping path	<input type="checkbox"/> fruits	<input type="checkbox"/> pome
<input type="checkbox"/> close up	<input type="checkbox"/> fruity	<input type="checkbox"/> quantity
<input type="checkbox"/> close-up	<input type="checkbox"/> health	<input type="checkbox"/> recycling
<input type="checkbox"/> closeup	<input type="checkbox"/> healthy	<input checked="" type="checkbox"/> red
<input type="checkbox"/> cutout	<input type="checkbox"/> horizontal	<input type="checkbox"/> rich
<input type="checkbox"/> cuts	<input type="checkbox"/> indoor	<input type="checkbox"/> still
<input type="checkbox"/> detail	<input type="checkbox"/> indoors	<input type="checkbox"/> still life
<input type="checkbox"/> diet	<input type="checkbox"/> inside	<input type="checkbox"/> stillife
<input type="checkbox"/> eat	<input type="checkbox"/> interior	<input type="checkbox"/> stills
<input type="checkbox"/> eating	<input type="checkbox"/> interior shot	<input type="checkbox"/> synthetic material
<input type="checkbox"/> elstar	<input type="checkbox"/> many	<input type="checkbox"/> vitamines
<input type="checkbox"/> food	<input type="checkbox"/> meal	<input type="checkbox"/> wrapping
<input type="checkbox"/> food stills	<input type="checkbox"/> meals	<input type="checkbox"/> Westend61
<input type="checkbox"/> foodstill	<input type="checkbox"/> nutrition	<input type="checkbox"/> WES+Imqs
<input type="checkbox"/> foodstills		

>> Search >> Unselect all

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ImageSoft Corporation

ImageSoft es planteja doncs de crear un software intel.ligent que donada una imatge etiqueti automàticament el seu contingut i ho deixi a la base de dades, intentant que l'empresa pugui estalviar de tenir tanta gent treballant manualment amb aquesta anotació de les imatges.

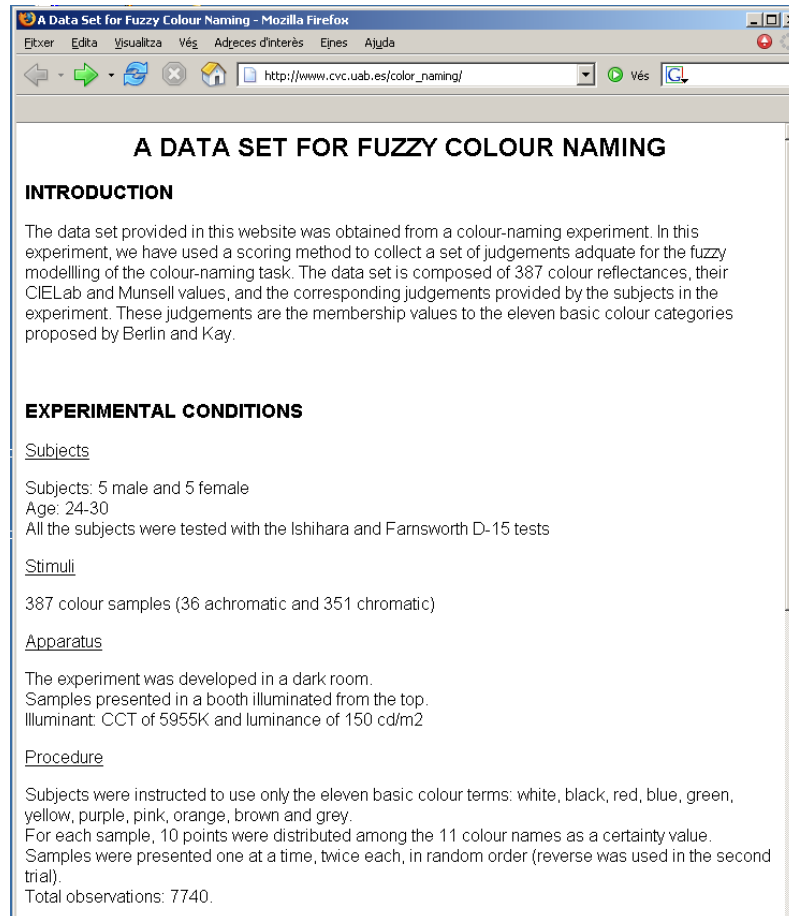
En Joan és enginyer informàtic i és el cap del departament d'innovació, acaba de parlar amb el director d'estratègia i li ha demanat que en un mes necessitarien tenir un informe sobre la viabilitat d'aquesta nova estratègia.

Es dilluns al matí, i per començar en Joan ha decidit crear un grup de 4 informàtics per a que en una setmana avaluin la possibilitat d'un **software que retorni els noms dels colors predominants d'una imatge** donada, és a dir, que donada una imatge retorni una llista de 4 o 5 noms dels colors més importants entre els de la següent llista:

white, gray, black, red, green, blue, yellow, orange, brown, purple, pink .

ImageSoft Corporation

En Joan diu al seu equip que li sona que al Centre de Visió per computador (www.cvc.uab.es/color_naming/) hi ha un equip de recerca que treballa en assignació automàtica de nom de color i potser allà hi ha informació útil



The screenshot shows a Mozilla Firefox browser window with the address bar displaying http://www.cvc.uab.es/color_naming/. The page content is as follows:

A DATA SET FOR FUZZY COLOUR NAMING

INTRODUCTION

The data set provided in this website was obtained from a colour-naming experiment. In this experiment, we have used a scoring method to collect a set of judgements adequate for the fuzzy modelling of the colour-naming task. The data set is composed of 387 colour reflectances, their CIELab and Munsell values, and the corresponding judgements provided by the subjects in the experiment. These judgements are the membership values to the eleven basic colour categories proposed by Berlin and Kay.

EXPERIMENTAL CONDITIONS

Subjects

Subjects: 5 male and 5 female
Age: 24-30
All the subjects were tested with the Ishihara and Farnsworth D-15 tests

Stimuli

387 colour samples (36 achromatic and 351 chromatic)

Apparatus

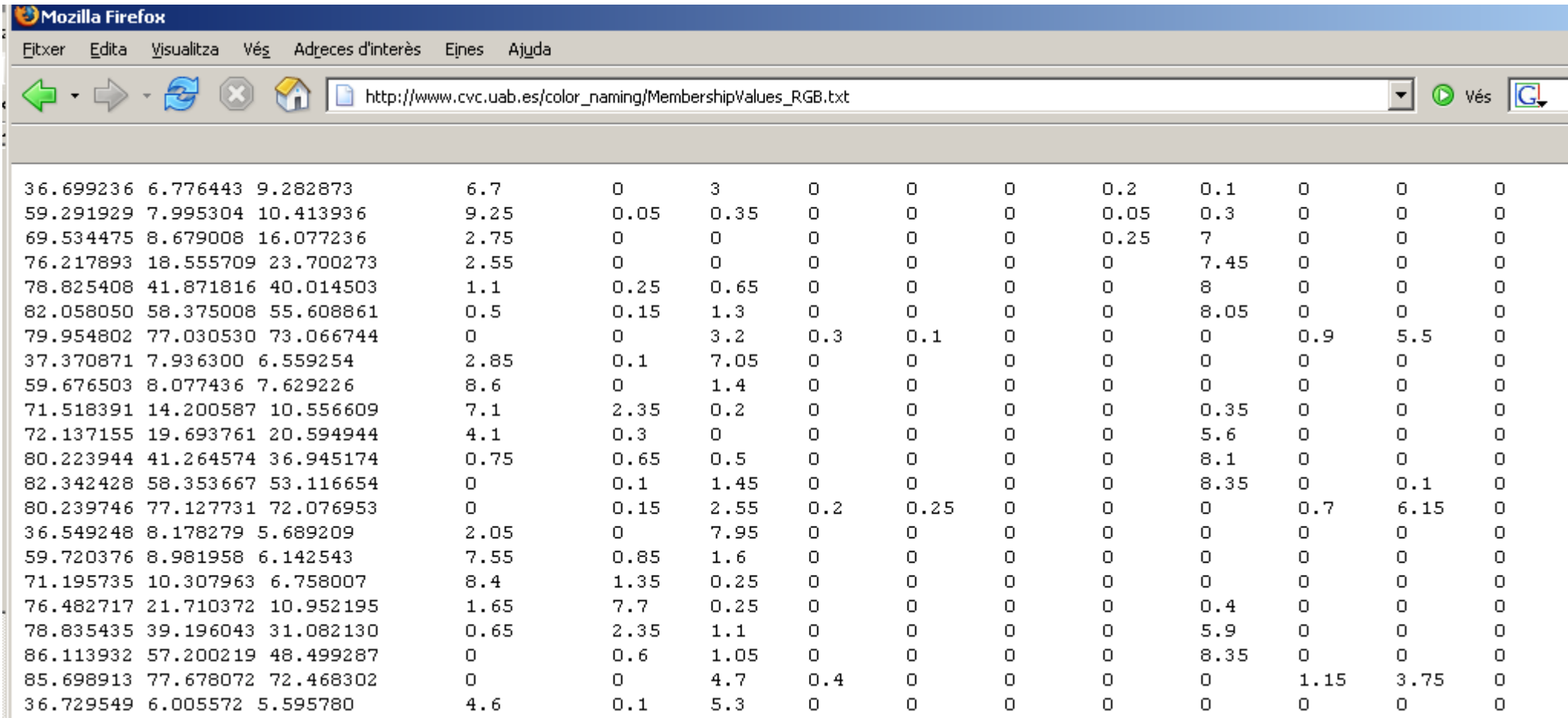
The experiment was developed in a dark room.
Samples presented in a booth illuminated from the top.
Illuminant: CCT of 5955K and luminance of 150 cd/m²

Procedure

Subjects were instructed to use only the eleven basic colour terms: white, black, red, blue, green, yellow, purple, pink, orange, brown and grey.
For each sample, 10 points were distributed among the 11 colour names as a certainty value.
Samples were presented one at a time, twice each, in random order (reverse was used in the second trial).
Total observations: 7740.

ImageSoft Corporation

Dades psicofísiques (quins noms assigna la gent a un RGB)



36.699236	6.776443	9.282873	6.7	0	3	0	0	0	0.2	0.1	0	0	0
59.291929	7.995304	10.413936	9.25	0.05	0.35	0	0	0	0.05	0.3	0	0	0
69.534475	8.679008	16.077236	2.75	0	0	0	0	0	0.25	7	0	0	0
76.217893	18.555709	23.700273	2.55	0	0	0	0	0	0	7.45	0	0	0
78.825408	41.871816	40.014503	1.1	0.25	0.65	0	0	0	0	8	0	0	0
82.058050	58.375008	55.608861	0.5	0.15	1.3	0	0	0	0	8.05	0	0	0
79.954802	77.030530	73.066744	0	0	3.2	0.3	0.1	0	0	0	0.9	5.5	0
37.370871	7.936300	6.559254	2.85	0.1	7.05	0	0	0	0	0	0	0	0
59.676503	8.077436	7.629226	8.6	0	1.4	0	0	0	0	0	0	0	0
71.518391	14.200587	10.556609	7.1	2.35	0.2	0	0	0	0	0.35	0	0	0
72.137155	19.693761	20.594944	4.1	0.3	0	0	0	0	0	5.6	0	0	0
80.223944	41.264574	36.945174	0.75	0.65	0.5	0	0	0	0	8.1	0	0	0
82.342428	58.353667	53.116654	0	0.1	1.45	0	0	0	0	8.35	0	0.1	0
80.239746	77.127731	72.076953	0	0.15	2.55	0.2	0.25	0	0	0	0.7	6.15	0
36.549248	8.178279	5.689209	2.05	0	7.95	0	0	0	0	0	0	0	0
59.720376	8.981958	6.142543	7.55	0.85	1.6	0	0	0	0	0	0	0	0
71.195735	10.307963	6.758007	8.4	1.35	0.25	0	0	0	0	0	0	0	0
76.482717	21.710372	10.952195	1.65	7.7	0.25	0	0	0	0	0.4	0	0	0
78.835435	39.196043	31.082130	0.65	2.35	1.1	0	0	0	0	5.9	0	0	0
86.113932	57.200219	48.499287	0	0.6	1.05	0	0	0	0	8.35	0	0	0
85.698913	77.678072	72.468302	0	0	4.7	0.4	0	0	0	0	1.15	3.75	0
36.729549	6.005572	5.595780	4.6	0.1	5.3	0	0	0	0	0	0	0	0

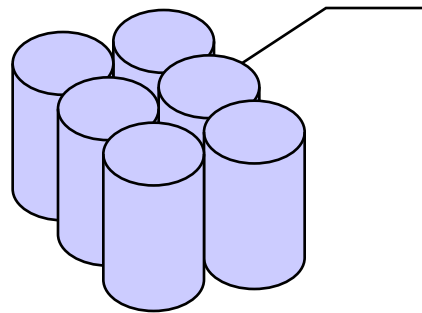
R G B

white, gray, black, red, green, blue, yellow, orange, brown, purple, pink

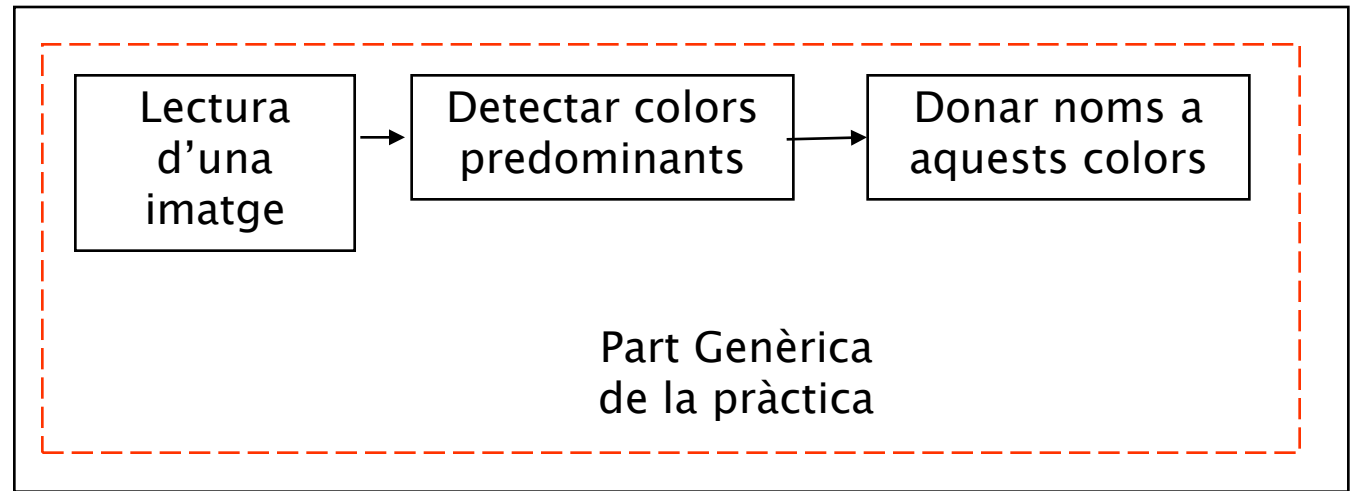
ImageSoft Corporation

Per tant, cal fer un software que retorni els noms dels colors predominants d'una imatge donada, és a dir, que donada una imatge retorni una llista de 4 o 5 noms dels colors més importants entre els de la següent llista: white, gray, black, red, green, blue, yellow, orange, brown, purple, pink .

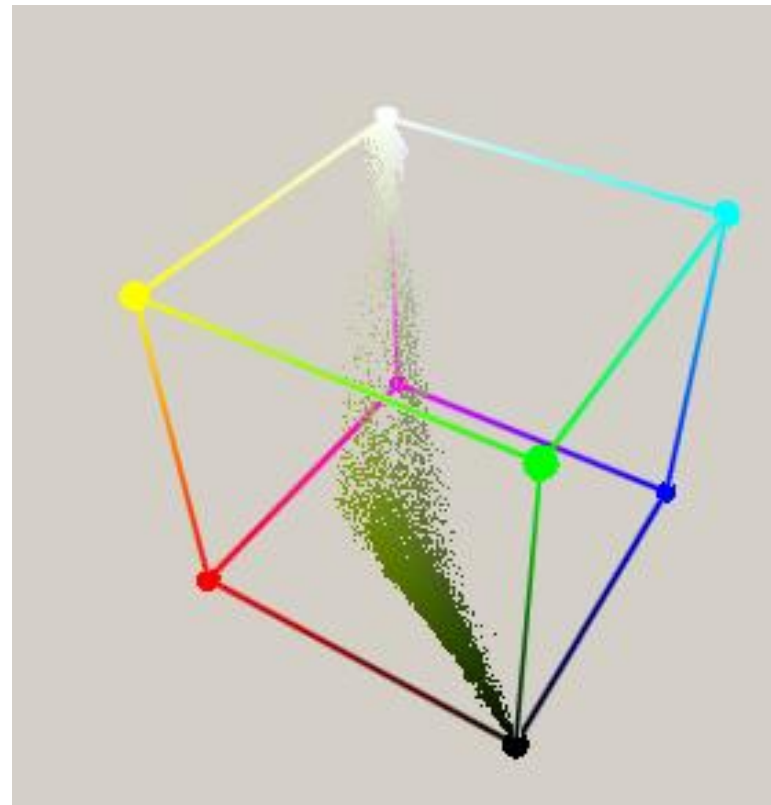
Esquema general del sistema



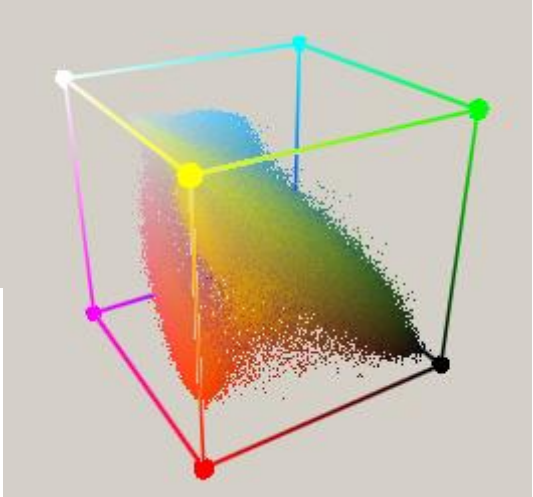
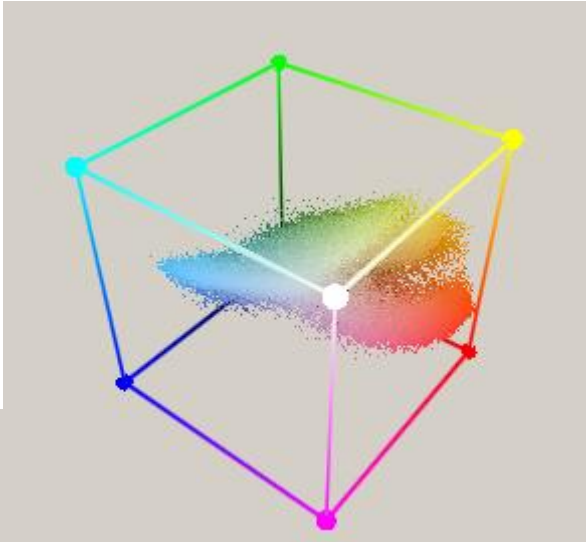
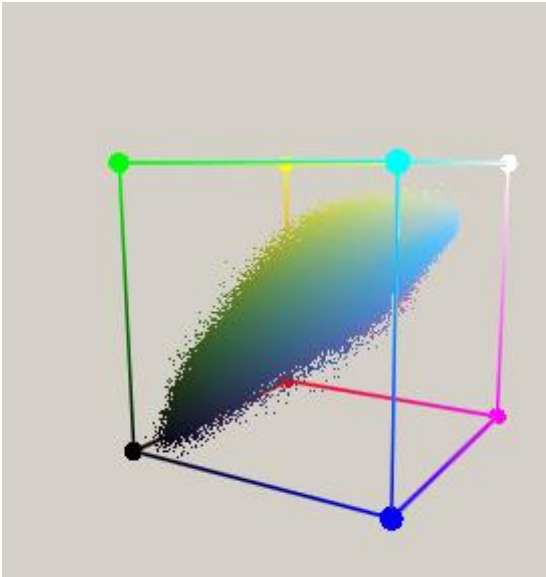
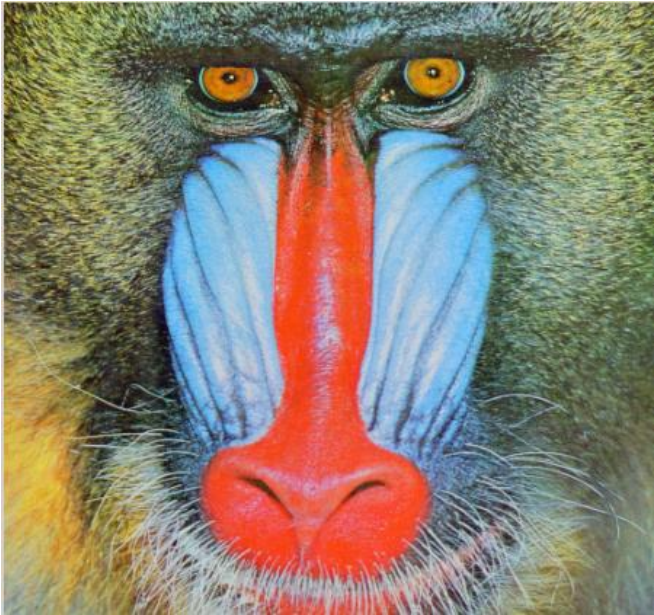
Base de dades d'imatges



Aspecte de la imatge donada a l'espai RGB

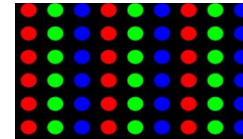
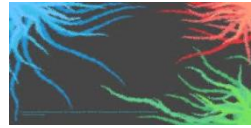
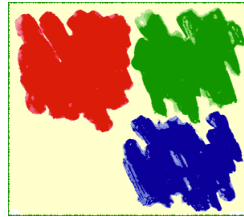
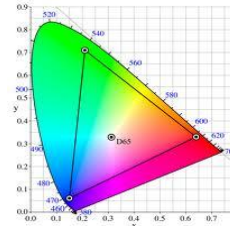
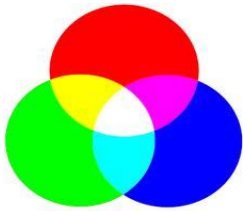


Aspecte de la imatge donada a l'espai RGB



Examples:

Query: Red & Green & Blue (Google Images)



Query: Yellow & Grey (Google Images)

