

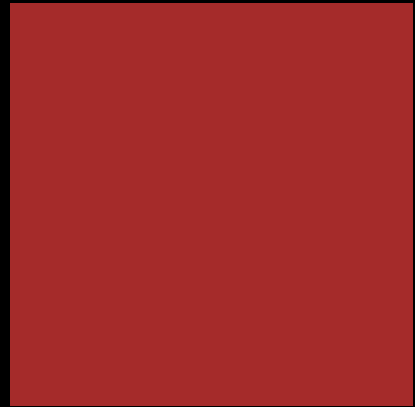
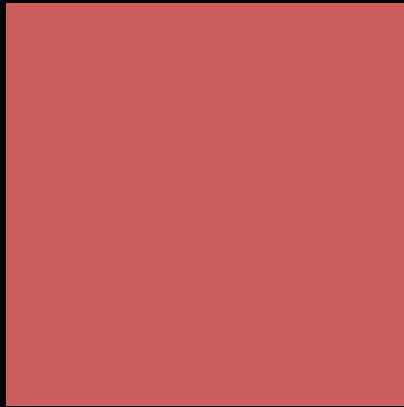
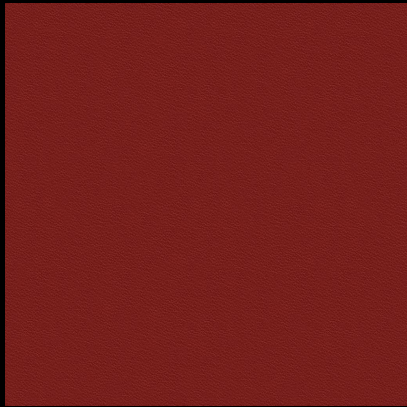
COLOUR NOTATION + SYSTEMS

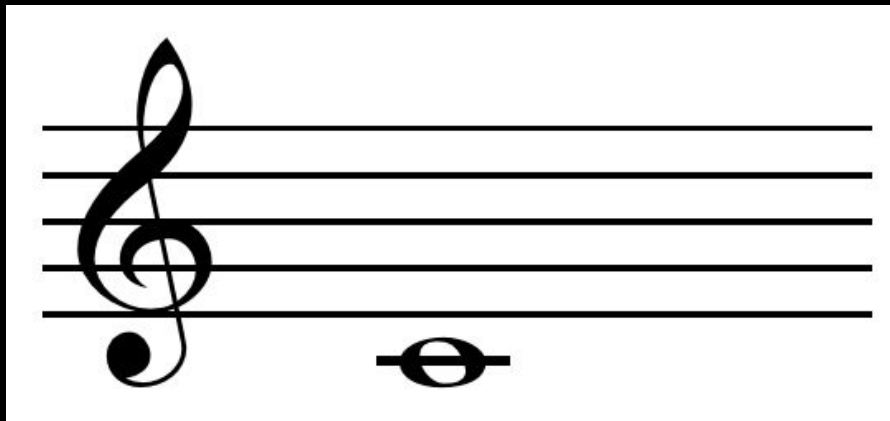
By King, Danielle and Candy

What is Colour Notation?

It represents the method in which we describe and express colour.

Popular colours invite mistakes





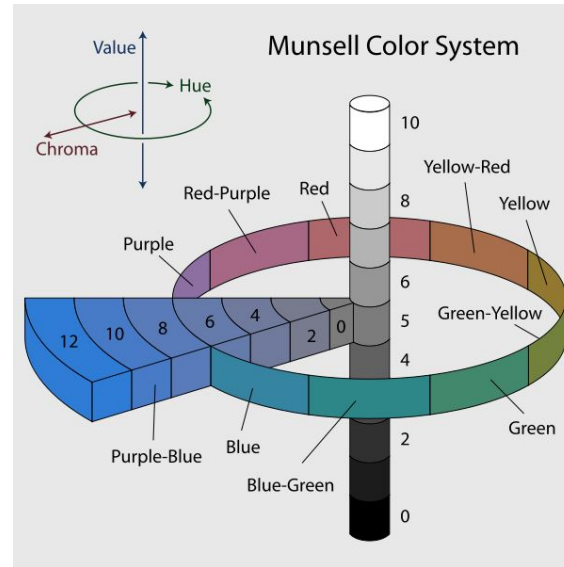
Musical systems have notes which precisely express the sound musicians want

During the 18th century

The idea of representing colour in a 3 dimensional form was being explored. But they were only theoretical or had problems accommodating every colour.

The Munsell Color System

Developed in 1905 by Albert Munsell, an artist and professor.



Each colour has 3 attributes

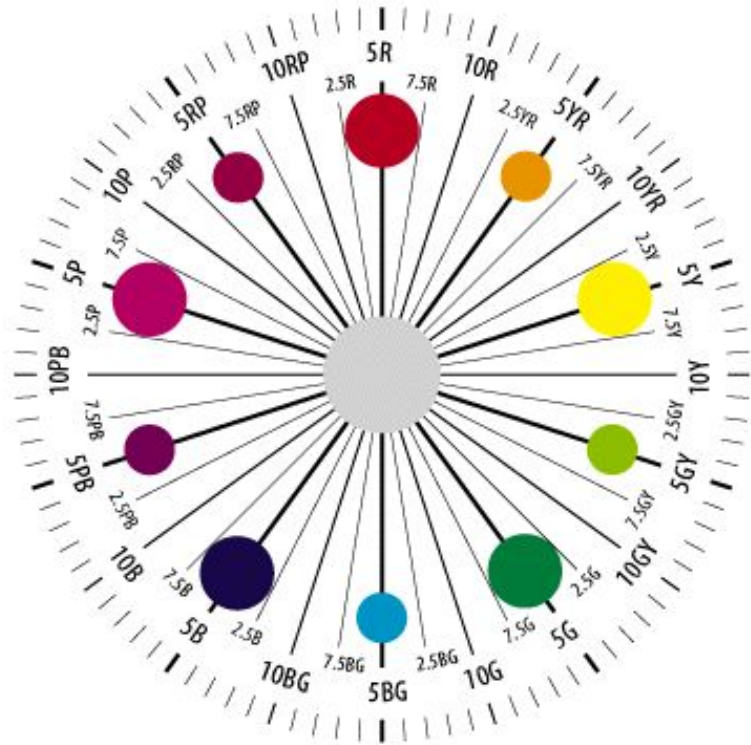
Hue

Values

Chroma

Hue

The quality by which we distinguish one colour from another

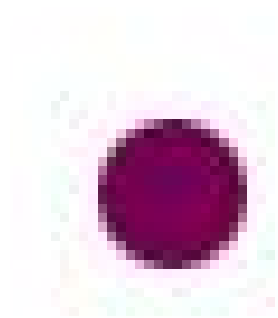


Values

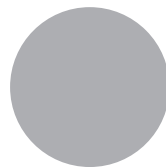
The quality by
which we
distinguish a
light colour from
a dark one



5PB 6/



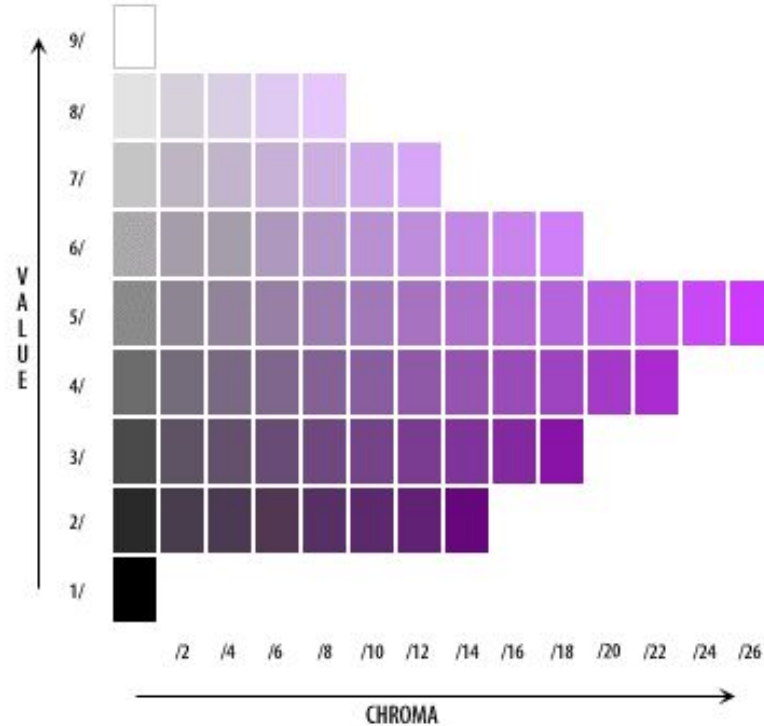
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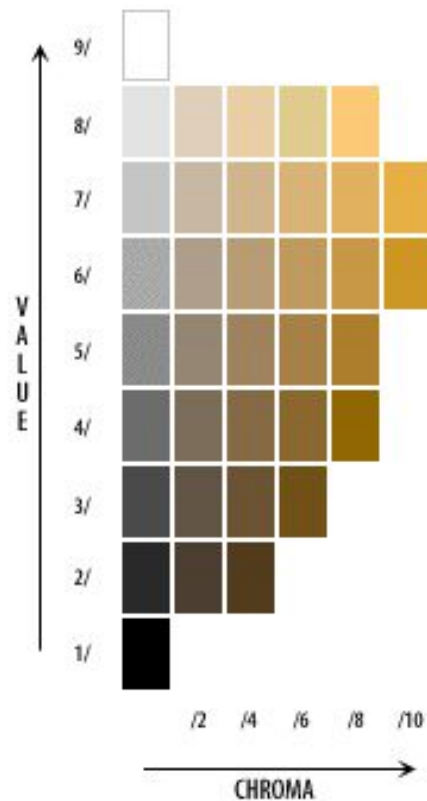
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The quality that distinguishes the difference from a pure hue to a gray shade - the *strength* of a colour



Chroma



stronger:

red

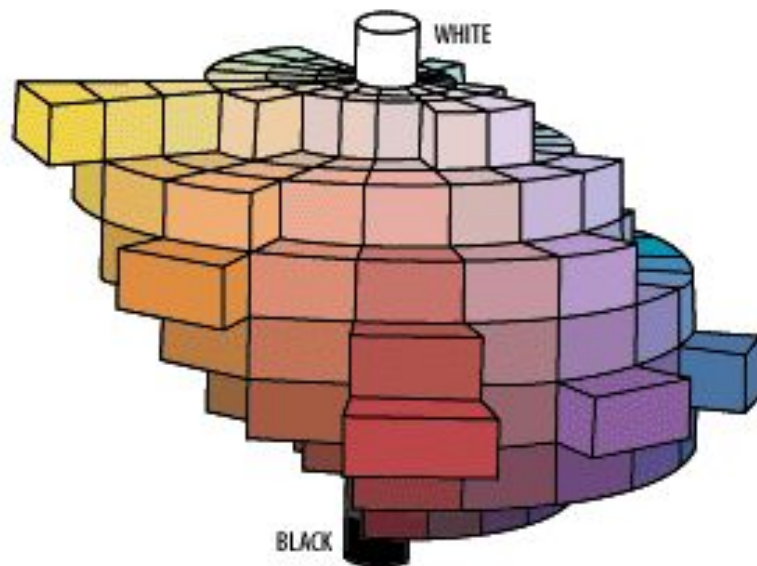
blue

purple

weaker:

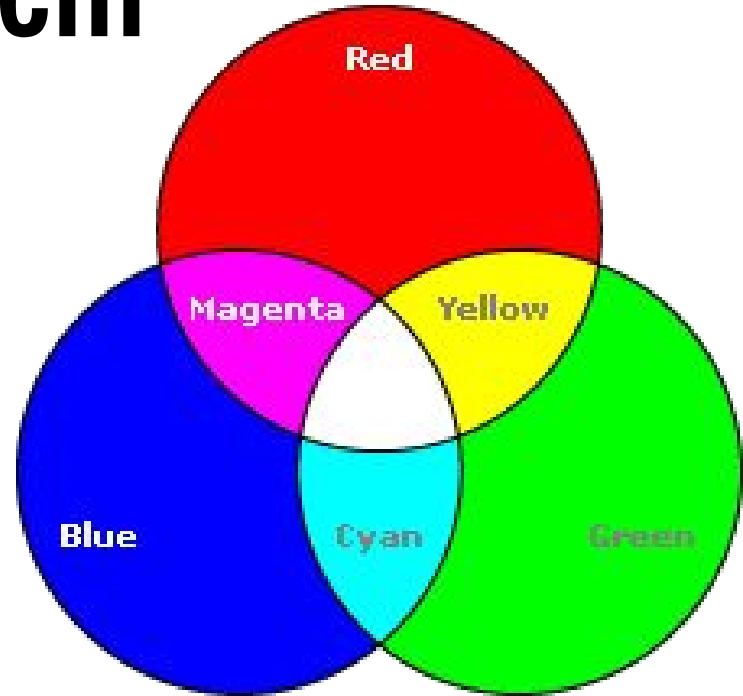
yellow

green



RGB Colour System

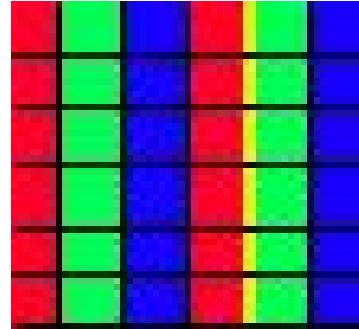
Additive colour system



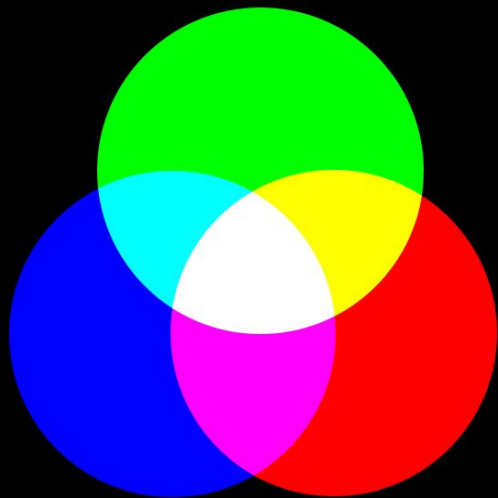
Application

Used in computer monitors, television sets, and theatre.

Red, green and blue dots of light are creating the image. Where red and green overlap, you'll see yellow.

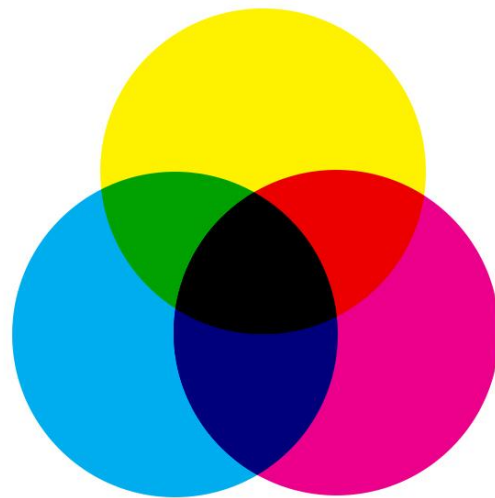


Additive



RGB

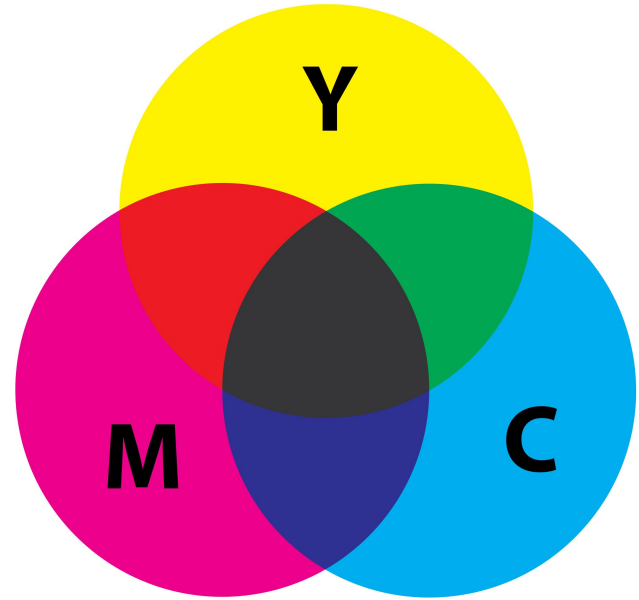
Subtractive



CMYK

CYMK Colour System

Subtractive colour system



Application

Used in printing.

When you mix all the colors, the result is black.



CYAN



MAGENTA



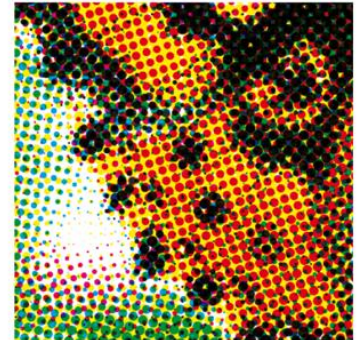
YELLOW



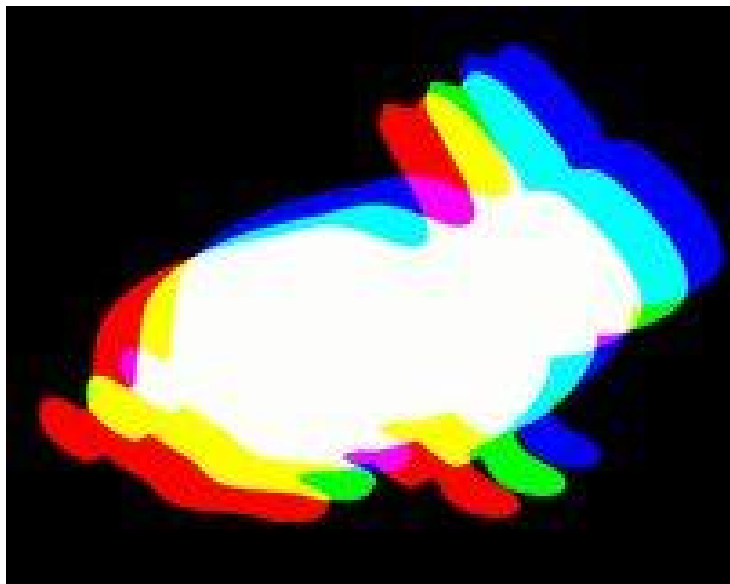
BLACK



FINAL CMYK



DETAIL VIEW



Ever heard of

Colour designer

Colour Scripts

?

Colour Scripts

Colour scripts serve a functional purpose in animation.

The colour script is an early attempt to map out the colour, lighting, emotion and moods in a film. It's not about making a single pretty piece of art; the color script evolves throughout the early stages of the film, hand in hand with story development.

Colour Scripts

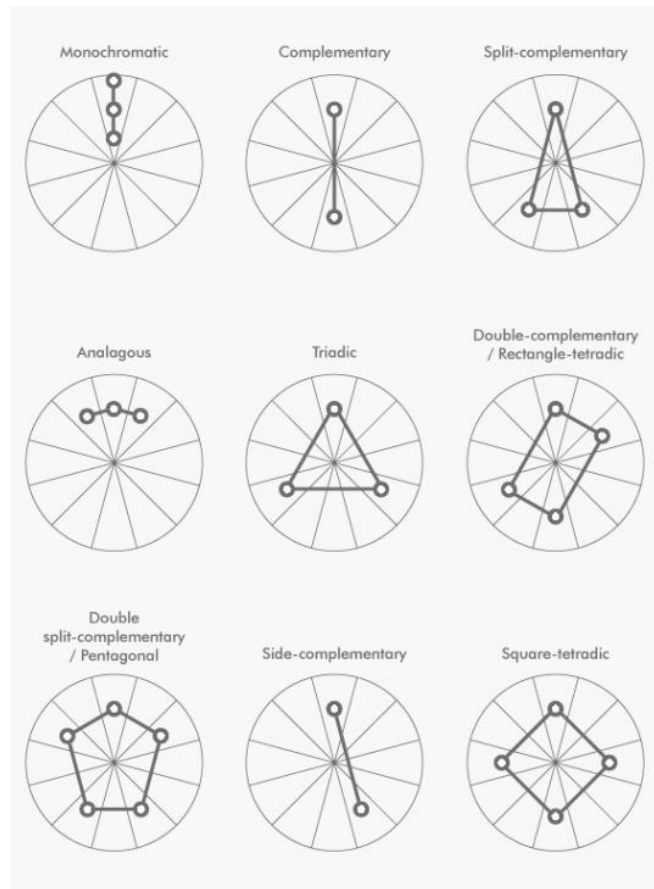
A colour script defines the lighting and color palette used in Pixar's movies. This needs to be done to keep the look and feel consistent.

There's a science to choosing colour schemes in a movie, to make the movie visually more attractive and provide psychological assists, and how designers use complementary pairs in a movie's art design.



Applications and Advantages of Colour Systems

- Loosely defined colours have a definite notation
- New colors do not disturb classification because there is a place waiting for them
- Each color names itself
- Each color can be recorded and transmitted with a code
- Colour grading of industrial products can be readily accomplished
- Fading can be defined and plotted



THE END.