
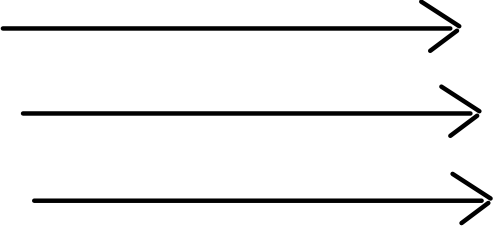
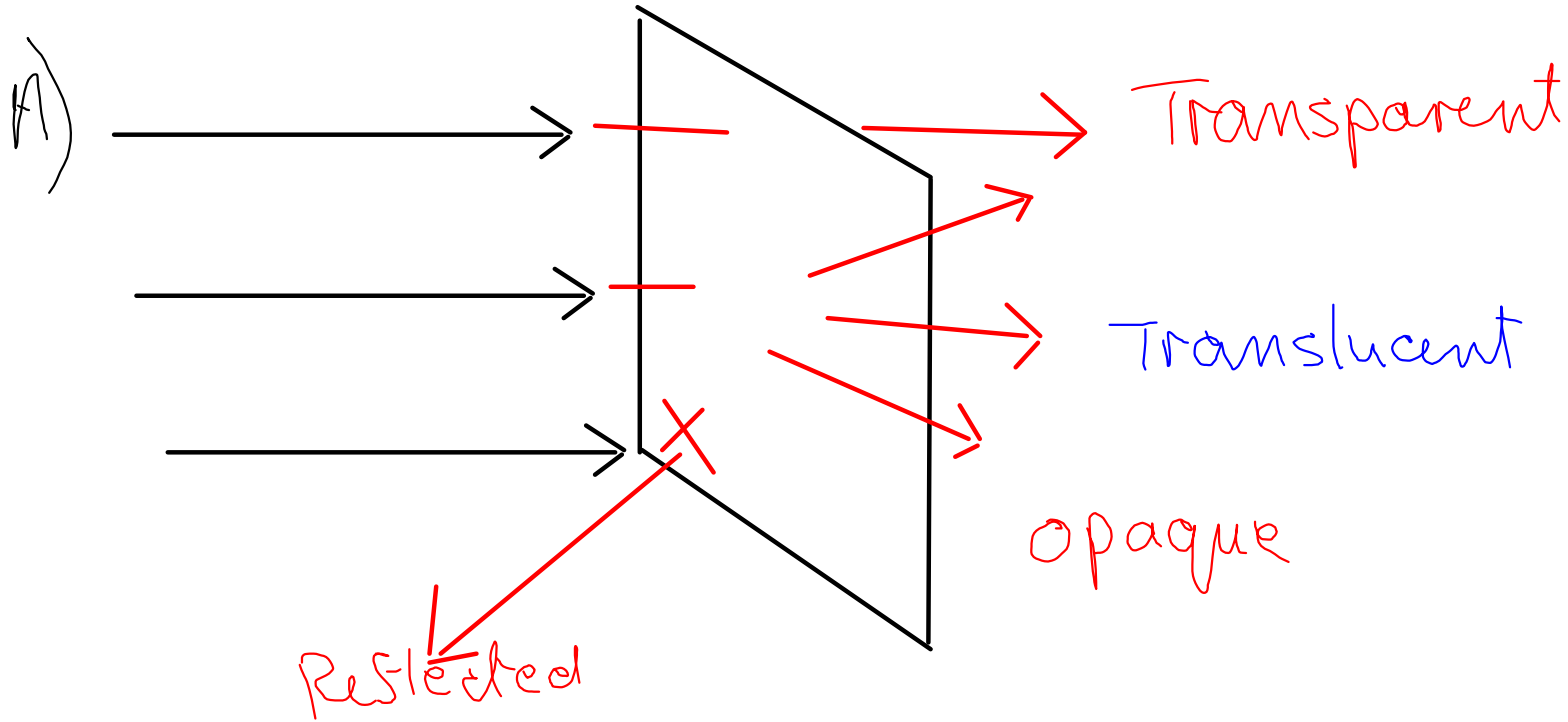


# Light

A)  Ray of light

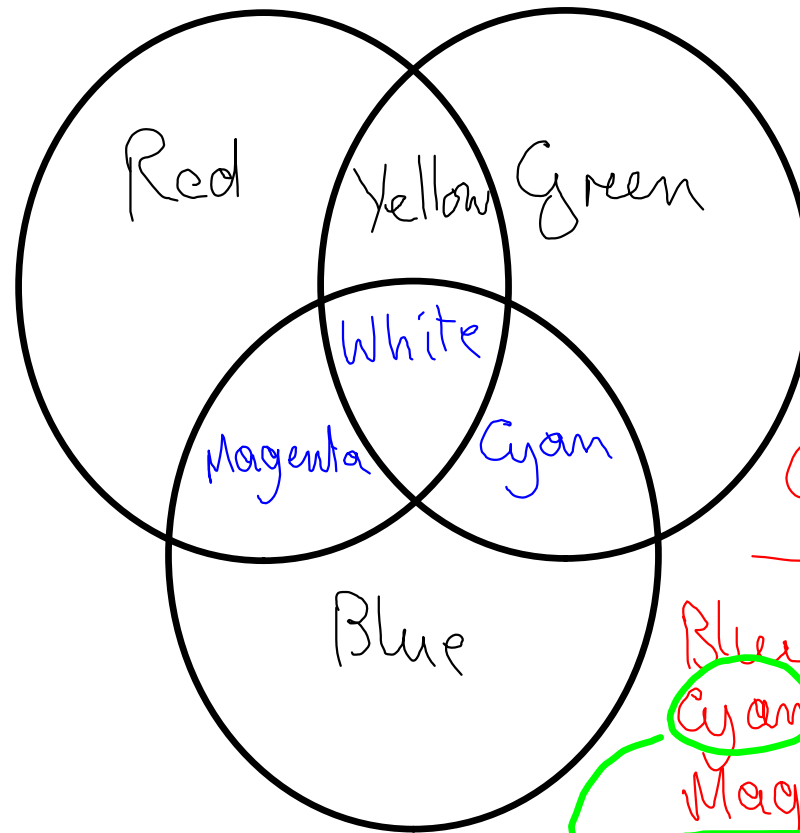
B)  Beam of light

Rectilinear Propagation of light



# Primary Colours

Red  
Green  
Blue



# Secondary Colours

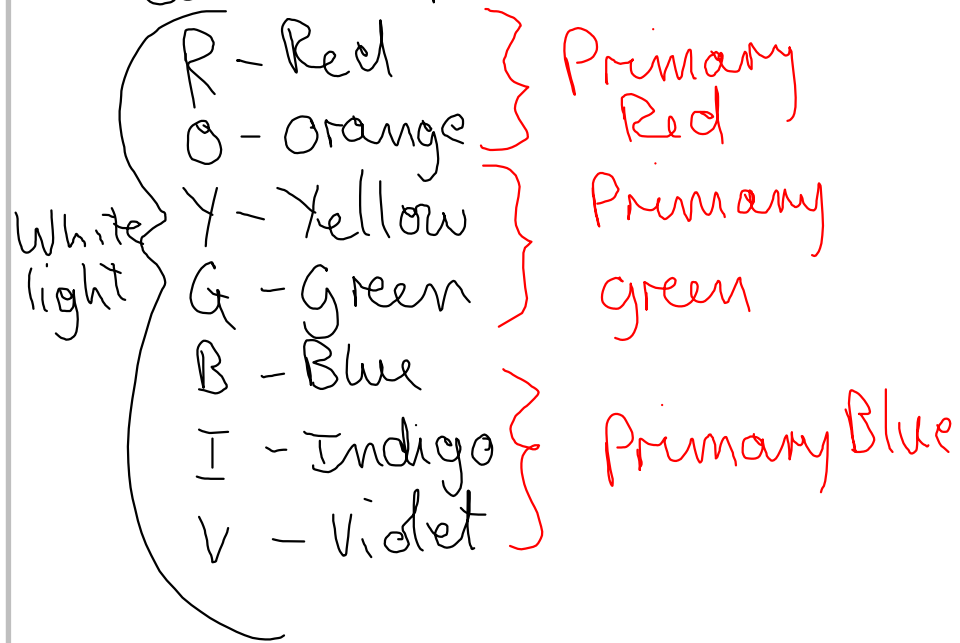
Red + Green = Yellow  
Red + Blue = Magenta  
Blue + Green = Cyan

## Complimentary Colours

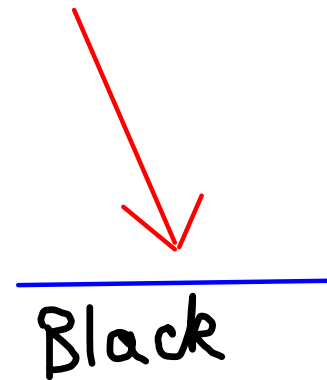
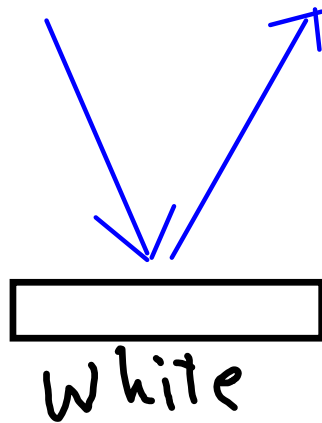
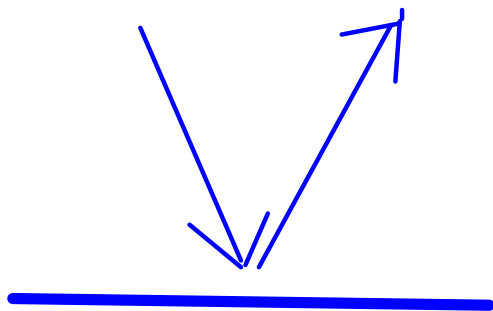
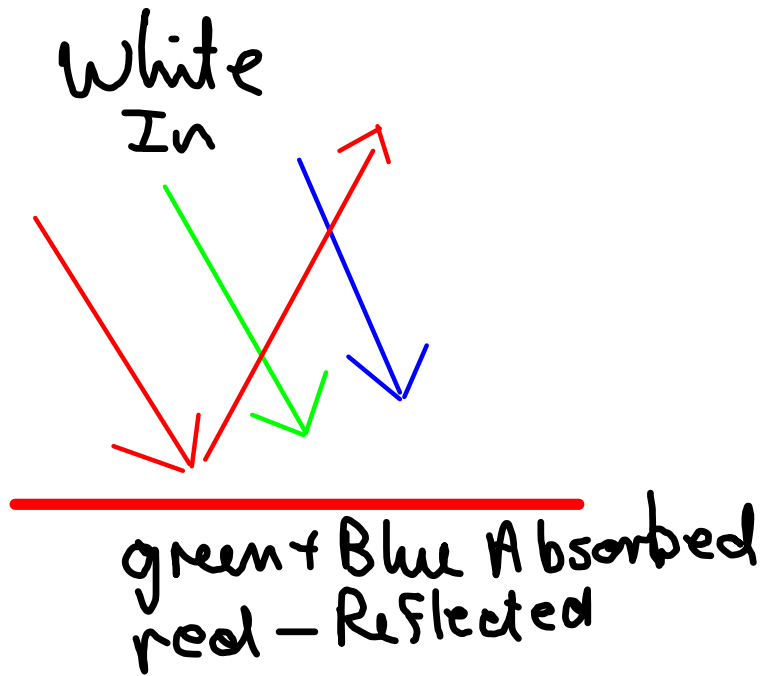
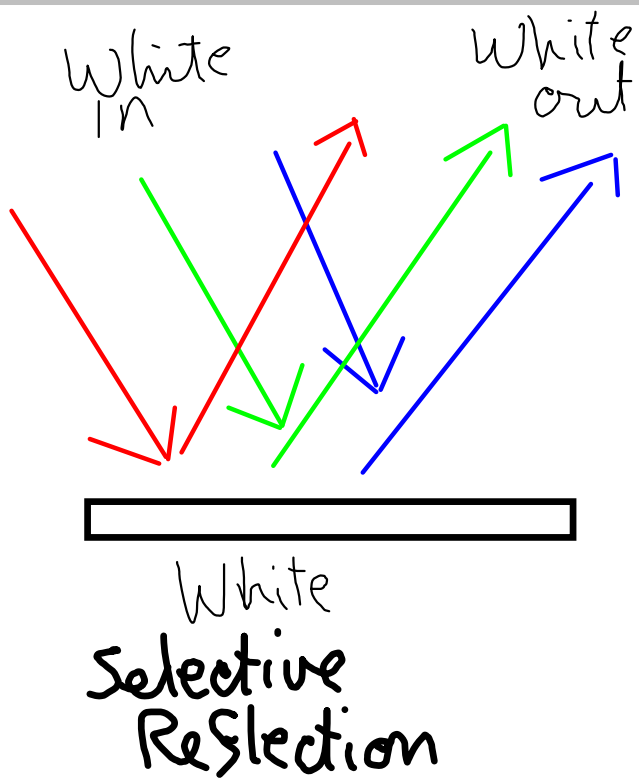
Blue + Yellow = White  
Cyan + Red = white  
Magenta + Green = white

The image shows an interactive educational tool for understanding color mixing. It features a central Venn diagram with three overlapping circles: Red (top), Green (left), and Blue (right). The intersections create secondary colors: Yellow (Red & Green), Cyan (Green & Blue), and Magenta (Red & Blue). The center where all three overlap is white. To the right is a legend with buttons for Red, Yellow, Green, Magenta, Blue, Turquoise, and White. Below the legend is a pink instruction box: "Click and Identify the colours". At the bottom, there are two sliders. The left slider is labeled "Move the GREEN Spot Light" and is currently positioned at the far left. The right slider is labeled "Move the BLUE Spot Light" and is currently positioned at the far right. To the right of the sliders is a legend for the spot light positions: Primary Colours (Red), Secondary Colours (Green), Complementary Colours - 1 (Blue), Complementary Colours - 2 (Cyan), and Complementary Colours - 3 (Magenta). A hand icon is visible at the bottom right of the interface.

# Colour Spectrum



Selective Absorption  
Selective Reflection



Red Magenta Blue Yellow Green Turquoise White

Primary Colours  
Secondary Colours

1  
2  
3  
4

