

## Color Theory

Full spectrum light has light in all the colors of the

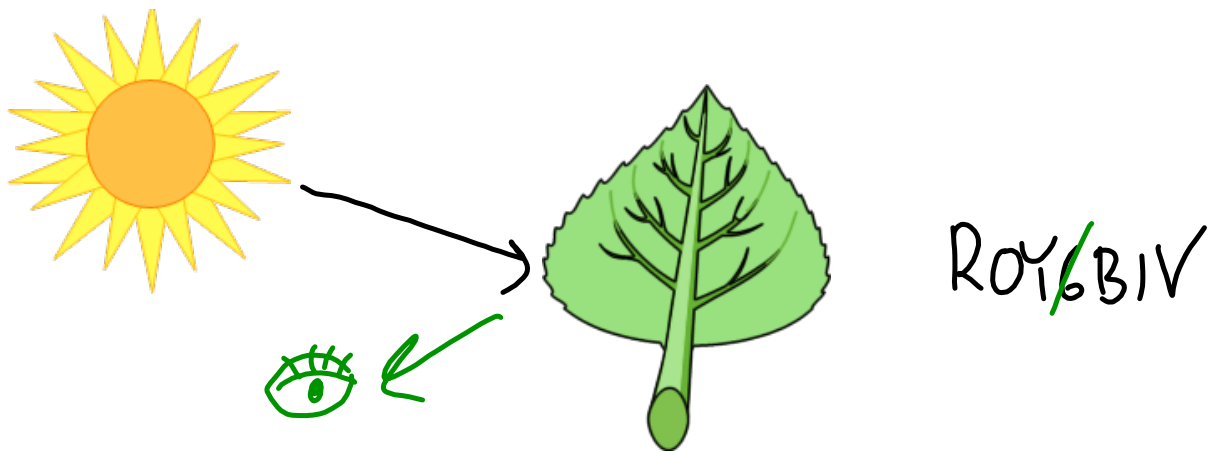
rainbow ROYGBIV!

every color  
of light  
is in  
it

Colors that we don't see are **ABSORBED**

Colors that we do see are **REFLECTED**





Green is reflected!

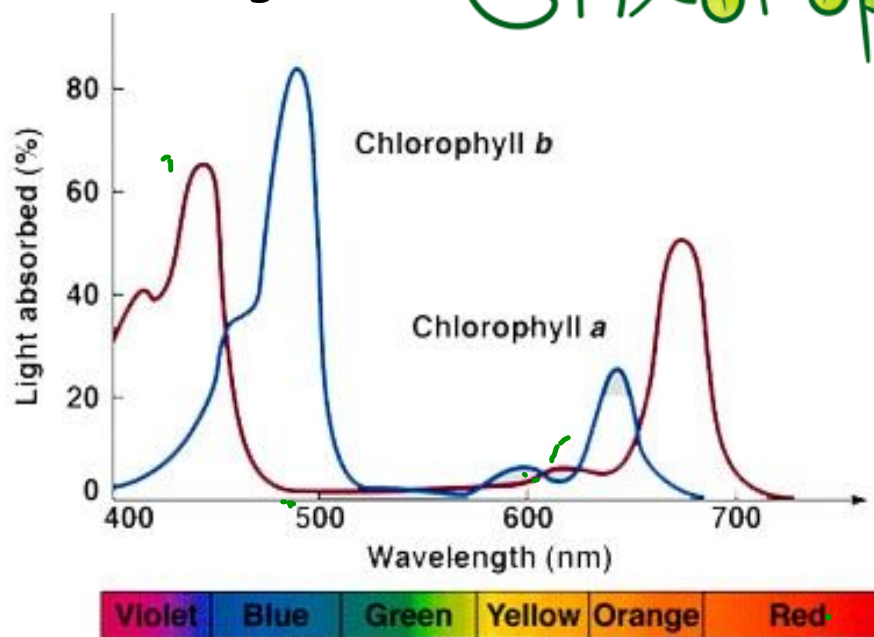
yellow, red, blue, orange,  
violet, and indigo are absorbed.

## Chlorophyll and Chloroplasts



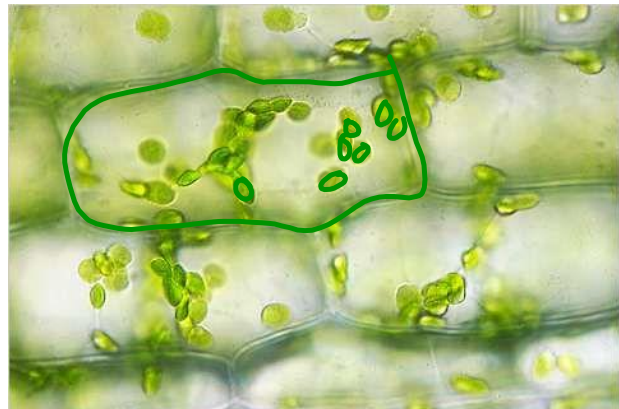
Photosynthetic organisms capture energy from sunlight with **pigments**

Main Plant Pigment: **Chlorophyll**



## Chlorophyll and Chloroplasts

Chlorophyll is found in  
the **CHLOROPLASTS** within a cell!



Chloroplasts →  
photosynthesis