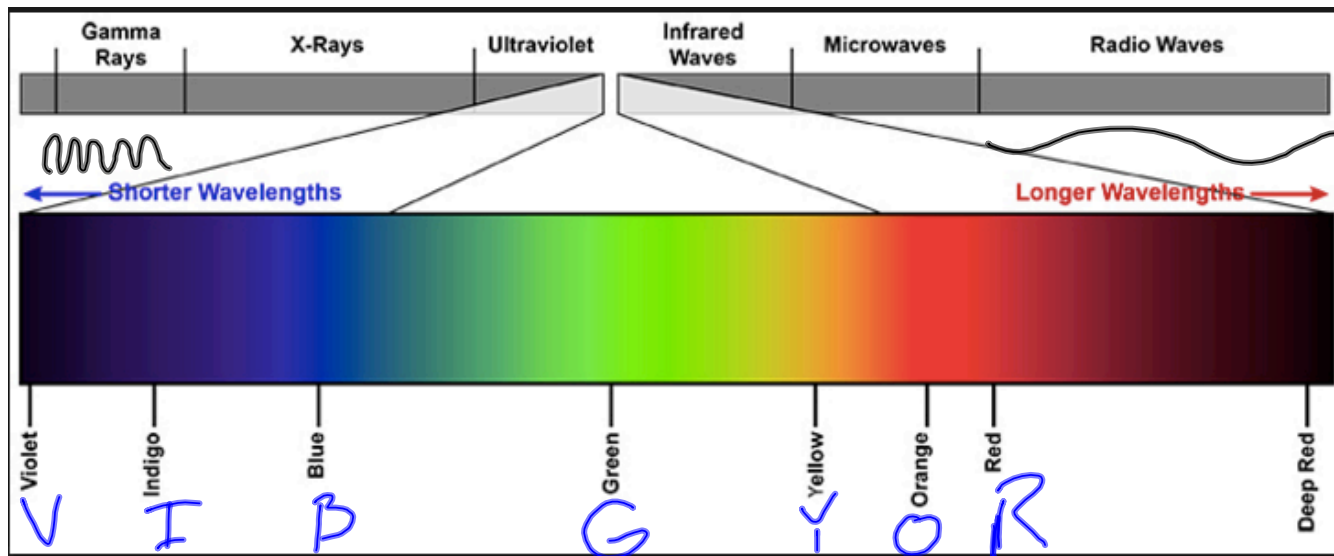


Electromagnetic Radiation



ROY-G-BIV

Visible Light is the main type of electromagnetic radiation that our sun emits and that can make it to the earth --> that's why we see it.

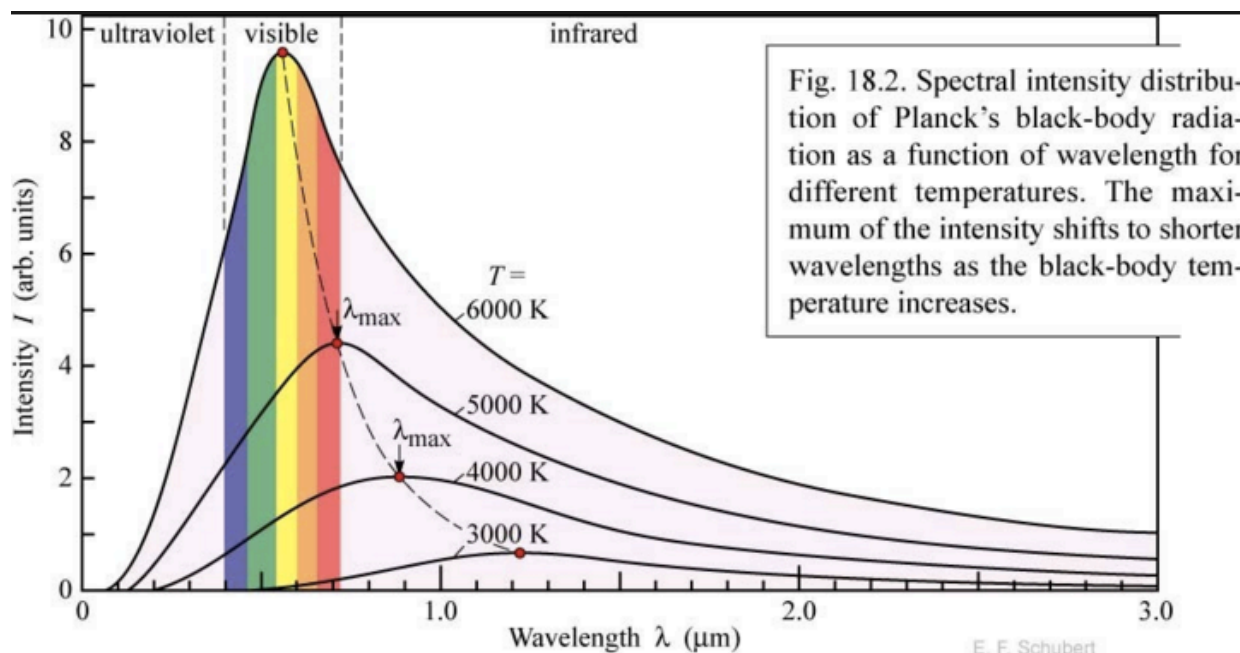


Fig. 18.2. Spectral intensity distribution of Planck's black-body radiation as a function of wavelength for different temperatures. The maximum of the intensity shifts to shorter wavelengths as the black-body temperature increases.

What is Color?

an illusion that our minds create

Rainbows

different wave lengths of light radiation

vibrant lights like the aurora borealis

Light reflecting off of different types of dye

Spectrometer

amplifies the light

splits the light so that you can see all the colors shown

scale: shows us the types of light being emitted from the source