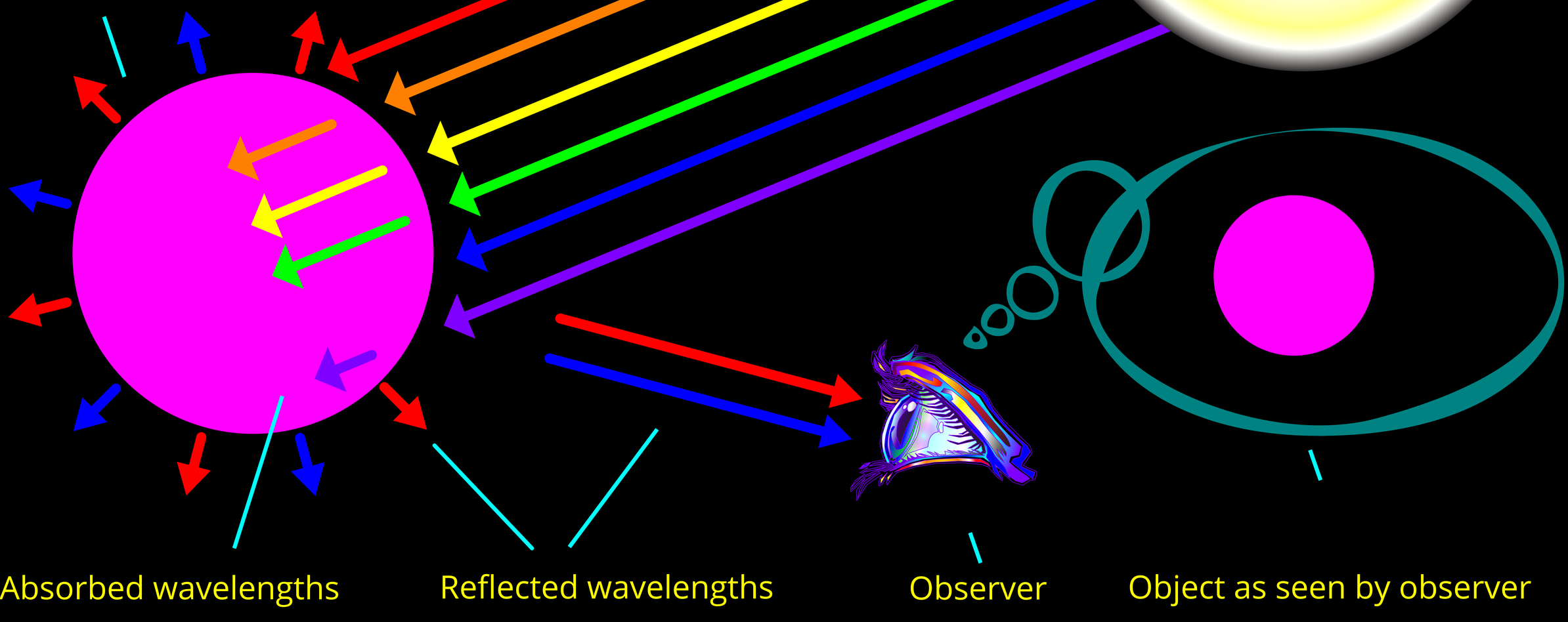
WHY AN OBJECT APPEARS MAGENTA

ROYGBV
Wavelengths

An object that appears Magenta to an observer:

1. Absorbs wavelengths = O, Y, G, V
2. Reflects wavelengths = R + B

Magenta coloured ball



Absorbed wavelengths

Reflected wavelengths

Observer

Object as seen by observer