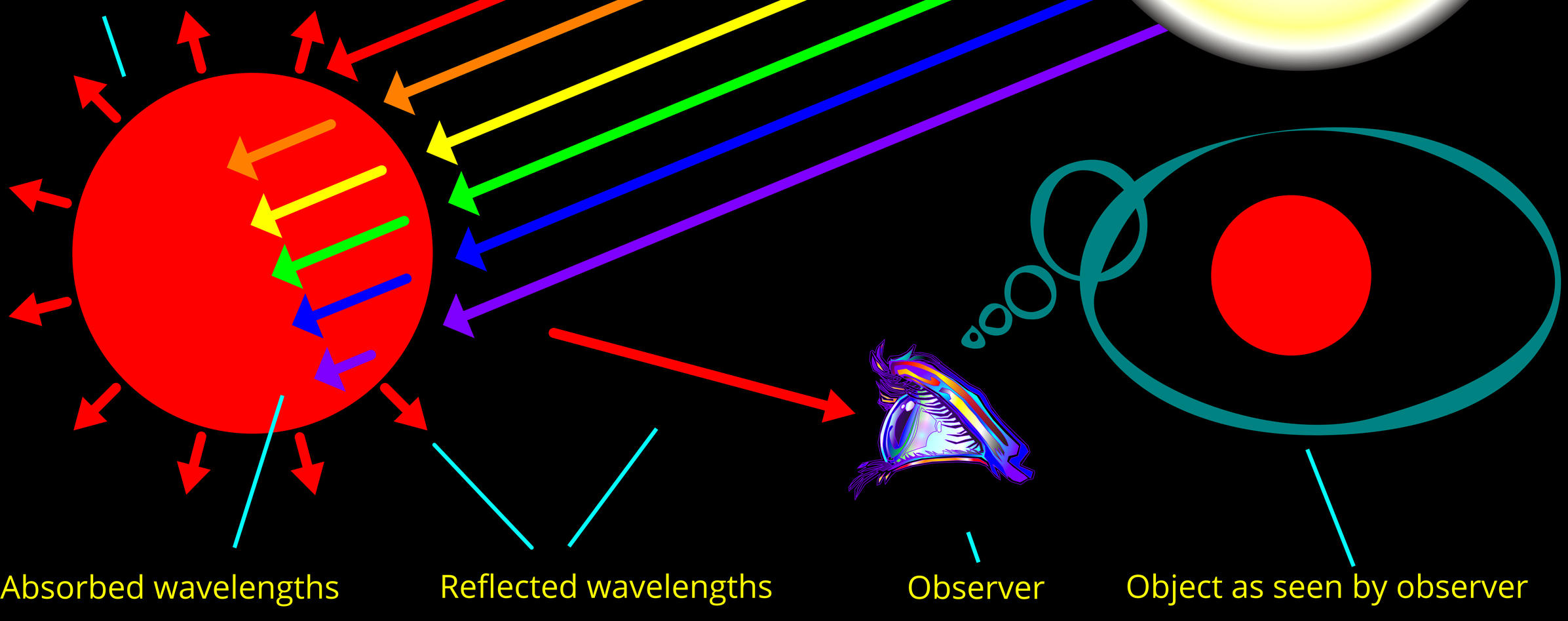
WHY AN OBJECT APPEARS RED

<u>An object that appears Red to an observer:</u>

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

ROYGBV
Wavelengths

Red coloured ball



Absorbed wavelengths

Reflected wavelengths

Observer

Object as seen by observer