

WAVES

11/6/15

types	Energy	λ	frequency
Gamma	high ↑	short ↓	high ↑
X-rays			
Ultraviolet (uv)			
Visible Light			
{ Violet			
{ Blue			
{ Green			
{ Yellow			
{ orange			
{ Red			
Infrared			
Microwaves			
Radio	low	long	low

- Gamma - shortest wavelength, highest frequency
- X-rays - waves used to see images
- U.V. rays - cause sunburns + skin cancer.
- ↑ ↑ ↑ ↑ ↑ Danger - Gamma, X-rays, UV rays
- Visible light - waves we can see (ROYGBV)
- Infrared - heat
- Microwaves - vibrates water molecules - cell phones too!
- Radio waves - AM + FM