

Color temperature

- **Color temperature** refers to a characterization of the spectral properties of a light source.
- The two most common color tones are red and blue which are measured by Kelvin.
- As a photographer you need to be attuned to how different light sources and their colors will affect your photos

Color temperature

- The color of your image will be exposing in between redish/orange ---
-- blue/whitish tone










COLOR TEMPERATURE

- WHITE BALANCE



WHITE BALANCE

- The process of removing unrealistic color casts, so that objects which is white give the actual output of White in your picture.
- A camera function known as white balance corrects the color tone.
- There are few presets in your camera from which you can adjust the color tone

		Auto White Balance
		Custom
		Kelvin
Increasing Color Temperature ↓		Tungsten
		Fluorescent
		Daylight
		Flash
		Cloudy
		Shade

kelvin

Temp 3000



Temp 4000



Temp 5000



Temp 6000



Temp 7000



Inverse formula

- When there is a yellow ambiance, Set your camera kelvin cooler, 2600-3200
- When there is a white/blue ambiance, set ur camera kelvin to warmer, 4400-6000

4500K



6000K







10,000 K
High altitudes



Cloudy

6500 K



5500 K
Sunny



3000 K
Incandescent



Candle
1500 K





2800°K

6500°K

10,000°K



How to adjust white balance



How to adjust white balance

- When the taken picture is WARM/ YELLOW/
Reduce the kelvin down 3200-3000-2800-2600
- When the taken picture is blue/cold tone
Increase the kelvin to 4000-4200-4400-4600 or above.