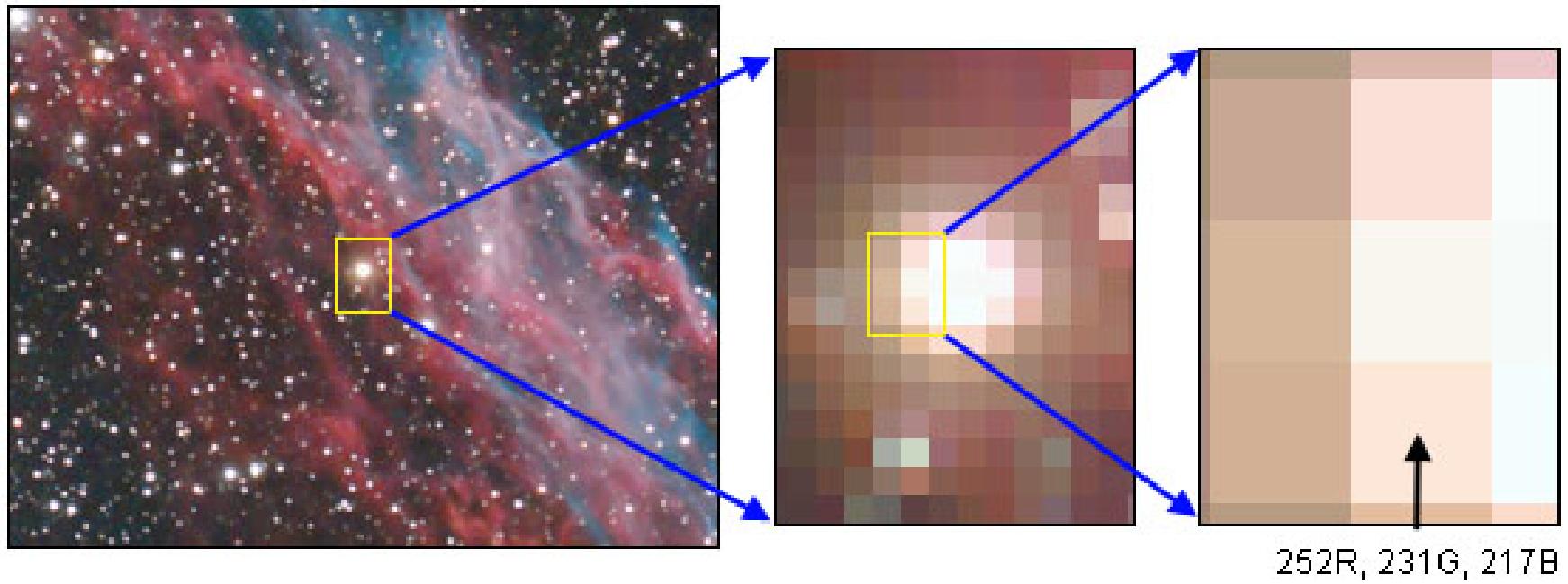


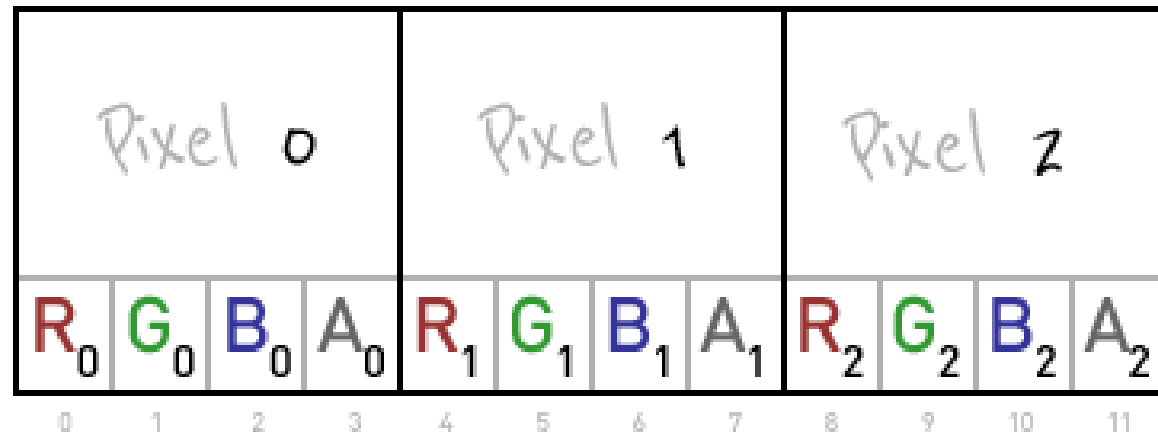
OIM3690 - Web Technologies



Processing Images using JavaScript

What is an *Image*?



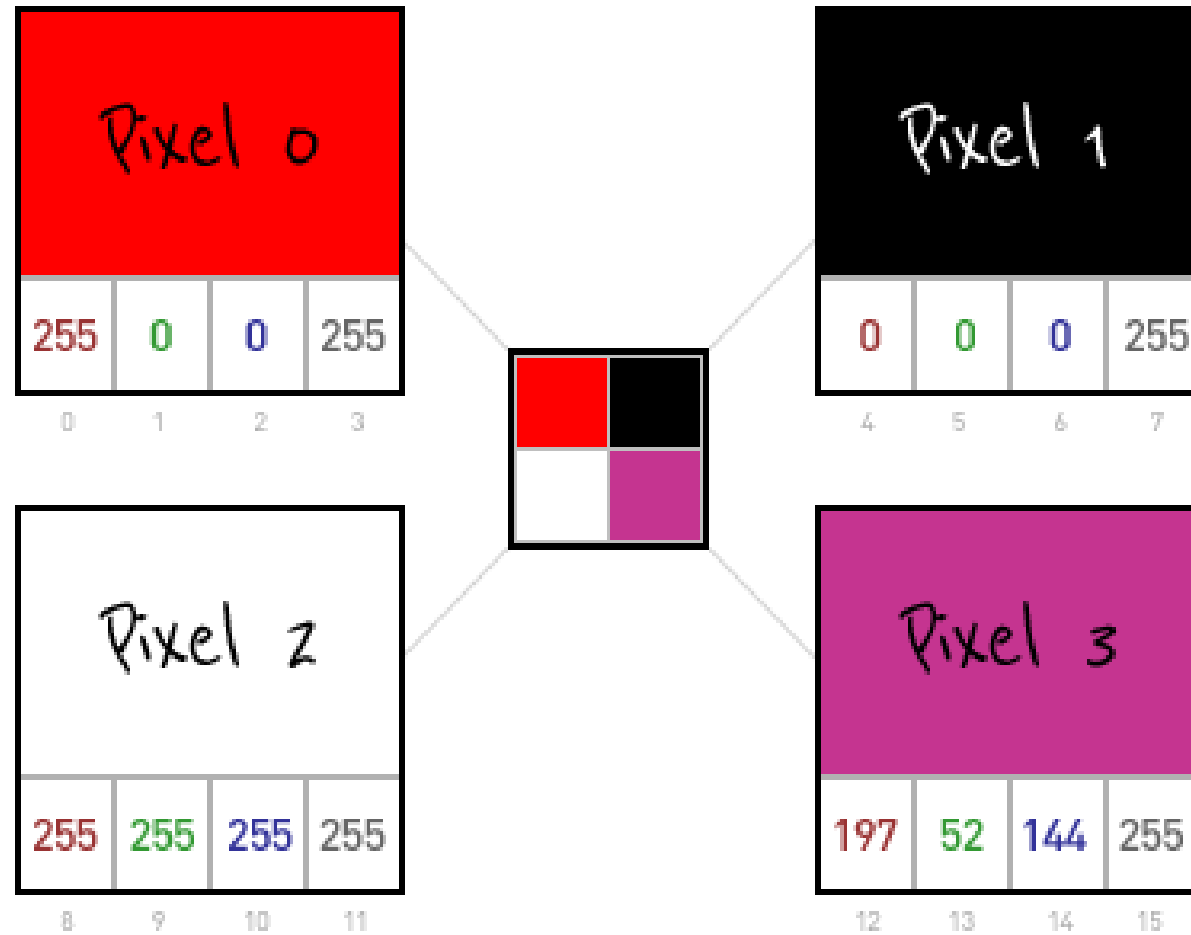


R is red component

G is green component

B is blue component

A is alpha component



canvas

- We will be using `<canvas>` to draw/manipulate images via JavaScript.
- To learn more about Canvas:
 - MDN - [Canvas Tutorial](#)
 - W3Schools - A few `canvas` [examples](#) (via W3Schools)

Creating Color Picker and Image Filters

- Download `lec20-js-image-processing.html` (OIM3690/resources/templates)
- Read through the code and try to understand how it works.
 - How is the pixel data picked?
- Let's create the following image filters
 - Red channel
 - Grayscale
 - Invert/Negative

Questions?

