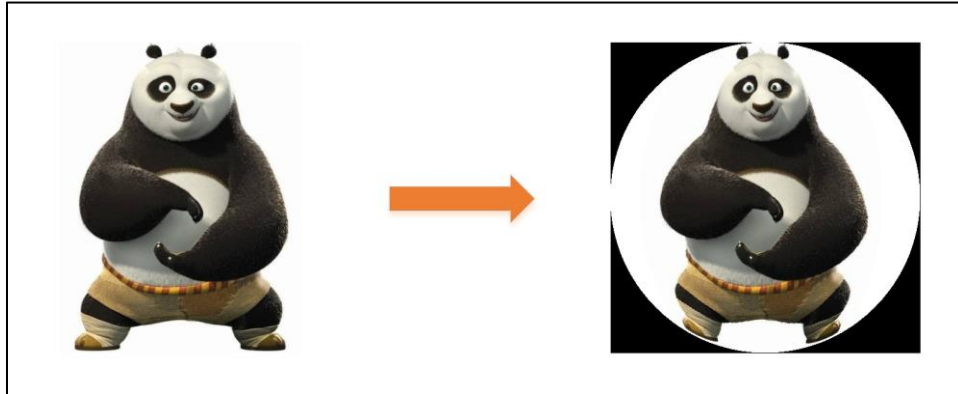
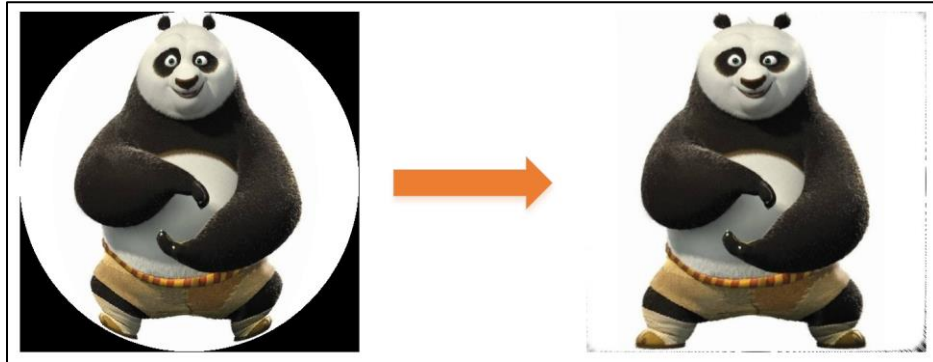


## Results

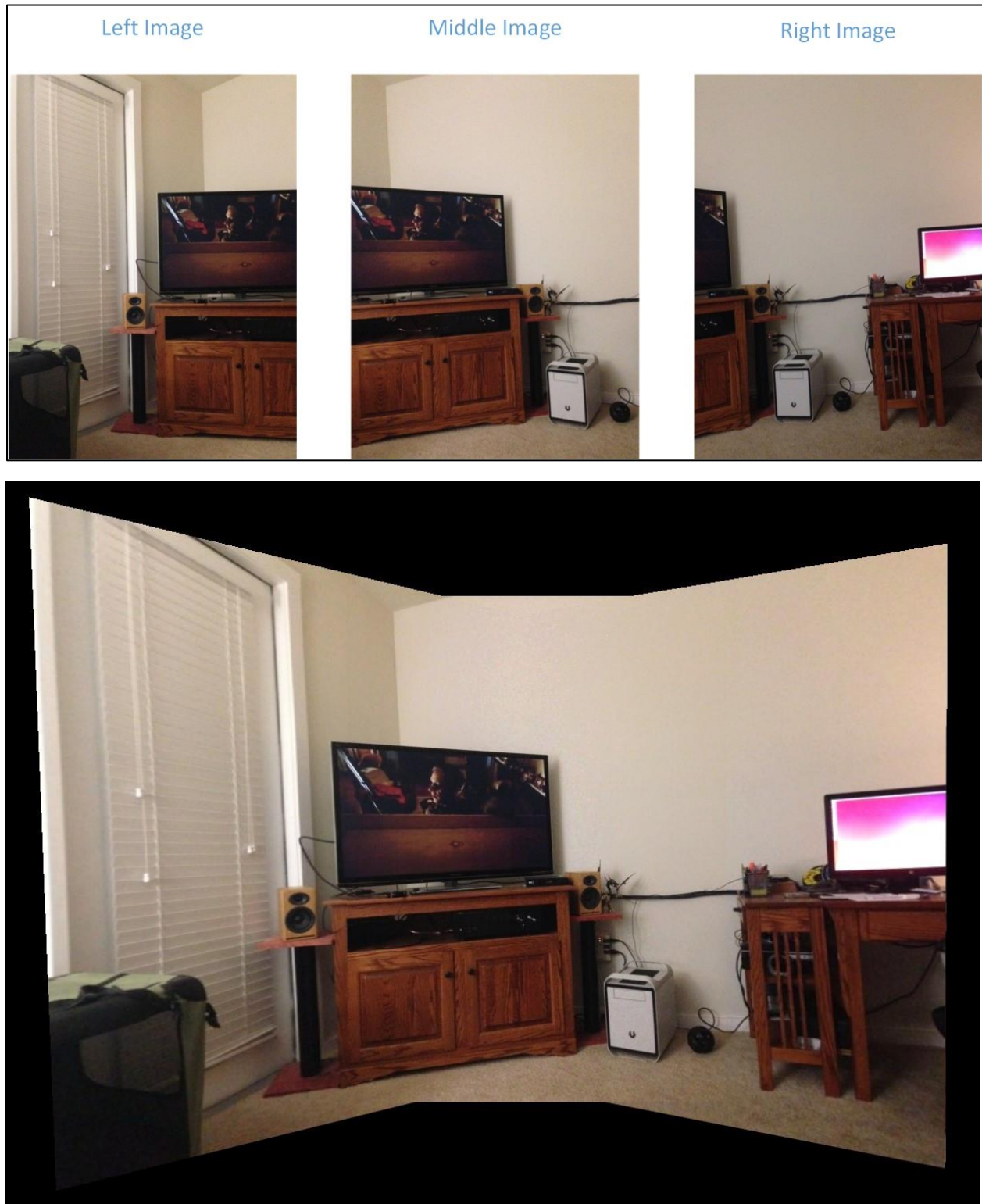
- Image Warping



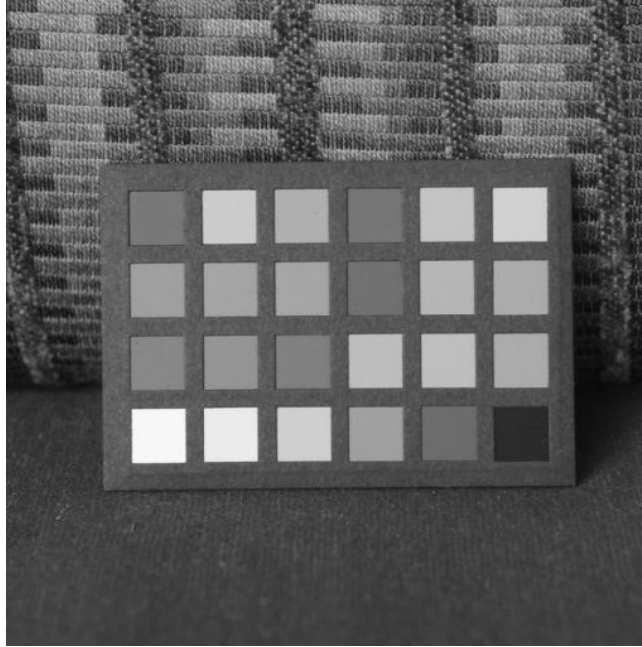
- Image Dewarping



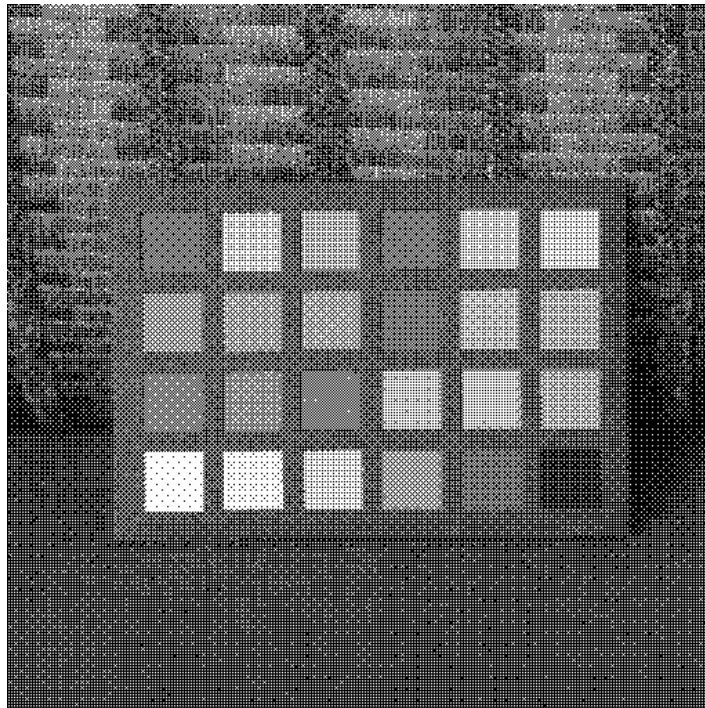
- Image Stitching



- Dithering – Bayer  $I_8$  matrix



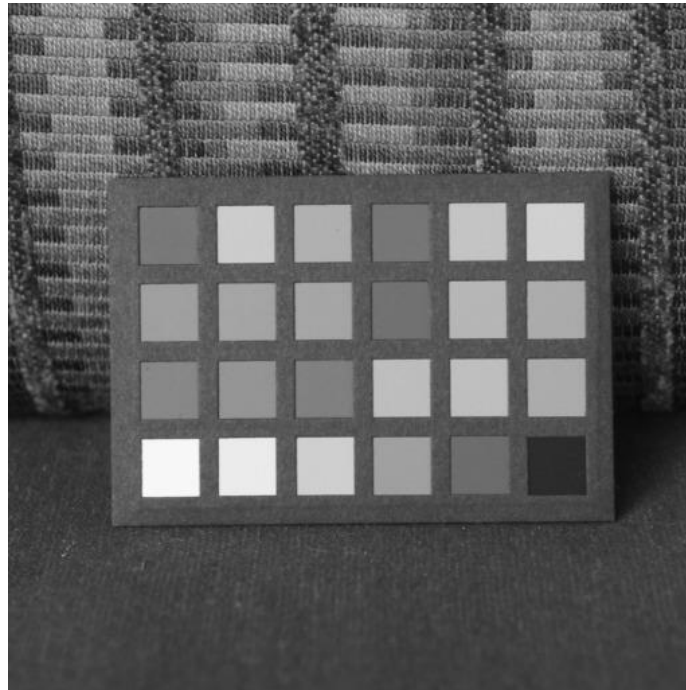
Original Image



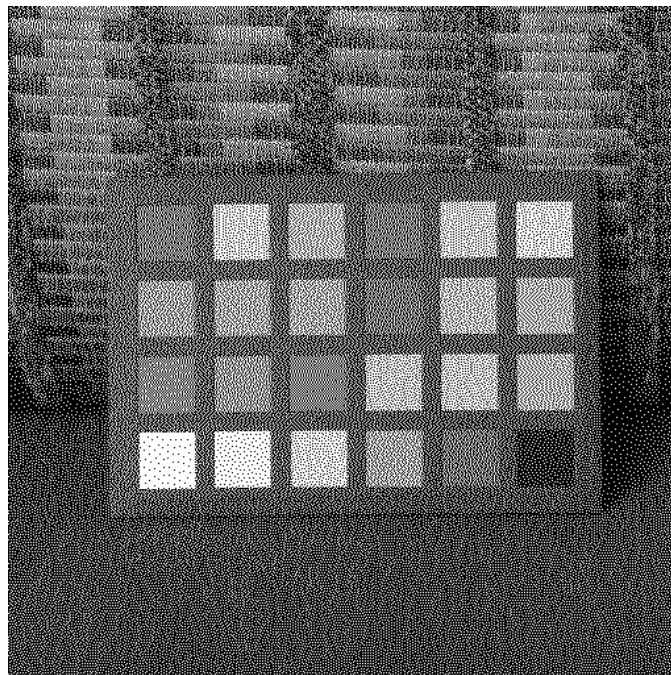
Result



- Image halftoning (Floyd-Steinberg's method)

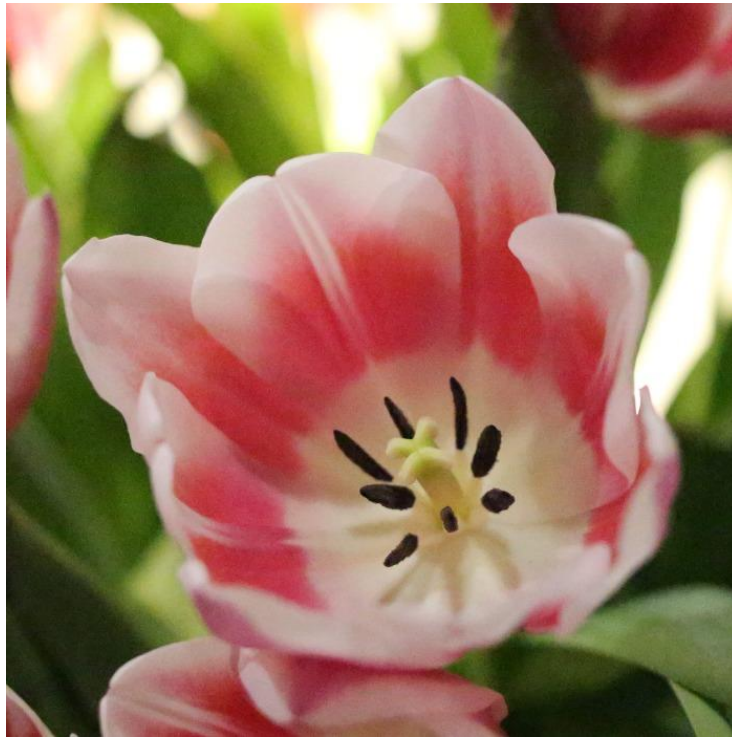


Original Image

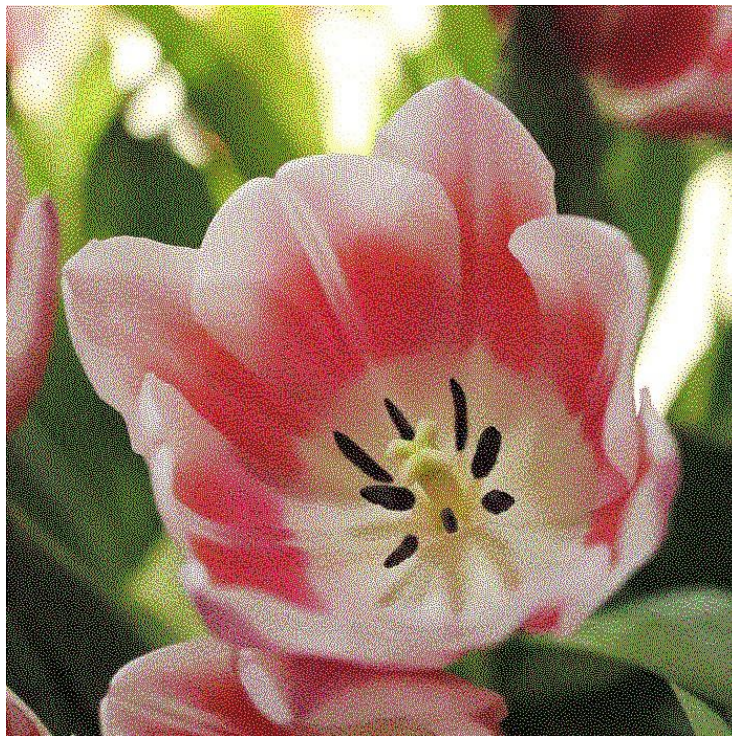


Result

- Color half-toning (MBVQ based color halftoning)

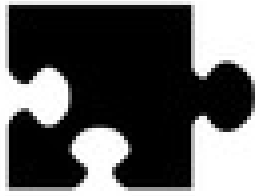


Original

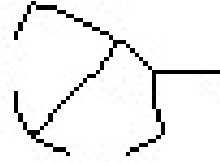


Result

- Thinning

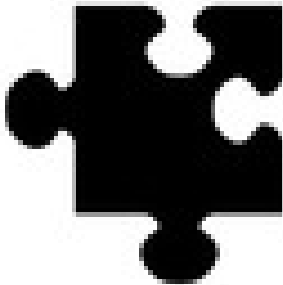


Original

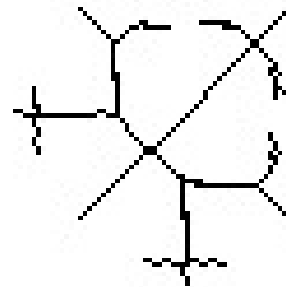


Result

- Skeletonizing






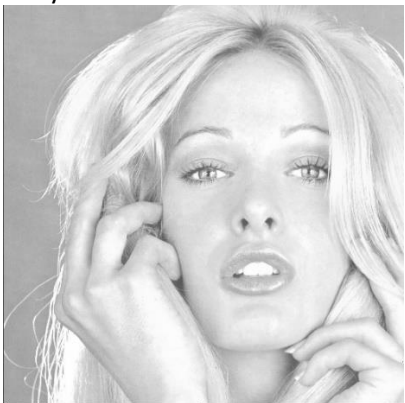
Original



Result



- RGB to Grayscale conversion

<p>Original Image:</p> <p>Tiffany.raw 512x512 RGB</p> 	<p>Lightness method:</p> 
	<p>Average method:</p> 
	<p>Luminosity method:</p> 

- RGB to CMY conversion:

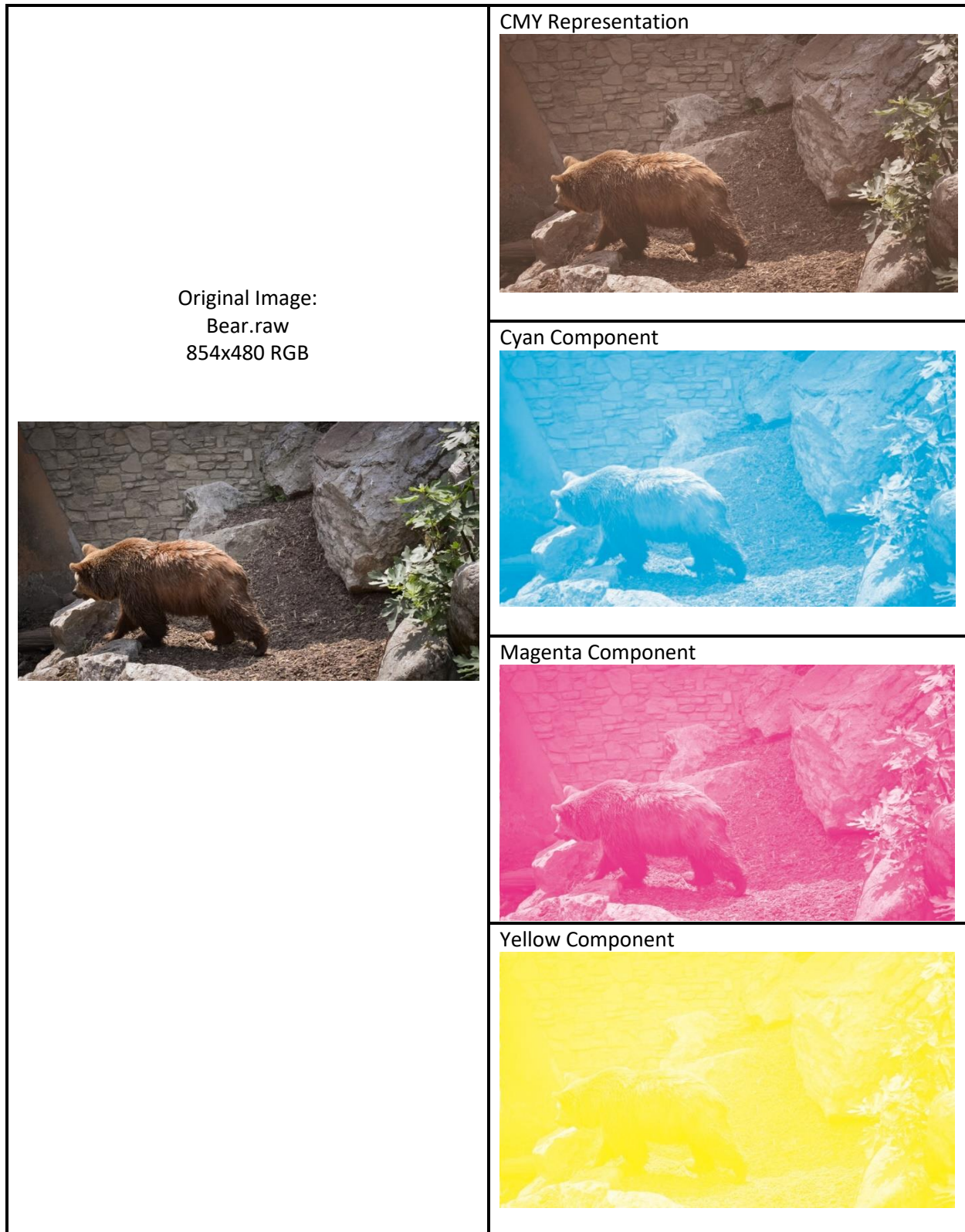


Figure 1: Bear.raw RGB to CMY conversion

- Image Resizing via Bilinear interpolation





Original:  
Airplane.raw  
512x512 RGB



Resized:  
RESIZED\_Out.raw  
650x650 RGB

- Contrast Manipulation



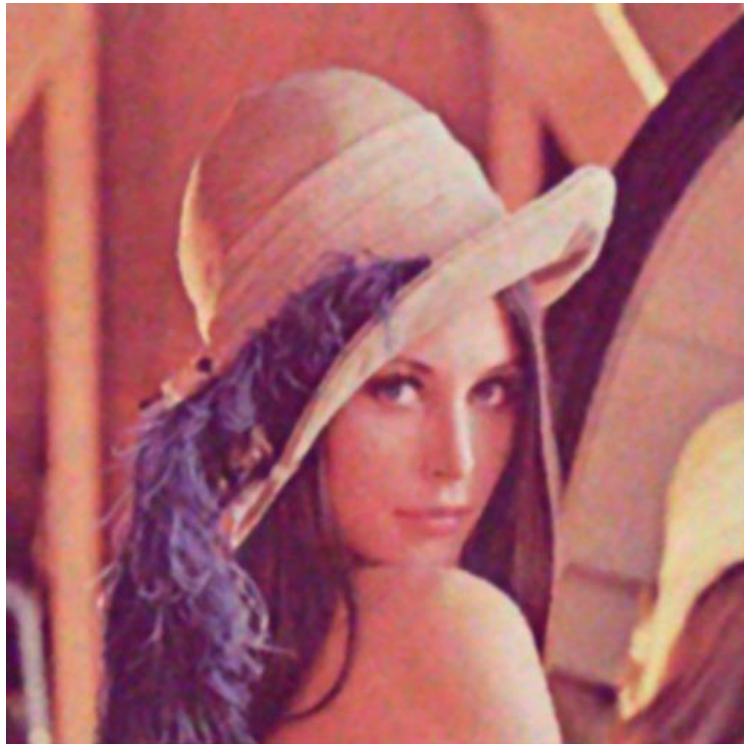
After contrast enhancement:



- Image Denoising:



After denoising,



- Oil Painting Effect





After Oil Painting effect:



- Film Effect



After film effect:

