Datasets

To train the image colorization algorithm, we will use images from the CIFAR-10 dataset, a dataset arranged by the University of Toronto consisting of 60000 32x32 images. We will make the inputs grayscale which will be used to train the output.

What are the other data sets that can be used?
And why this data set?
What other method can be used for grayscaling?
We will be using the computer vision library for grayscaling, can it be done by manipulating the pixels, and how will we do that?
Challenge:
RGB images converted to grayscale using the formula:
0.2125 * Red Channel + 0.7154 * Green Channel + 0.0721 * Blue Channel
All data scaled from 0-255 to 0-1.
How accurate is this method?