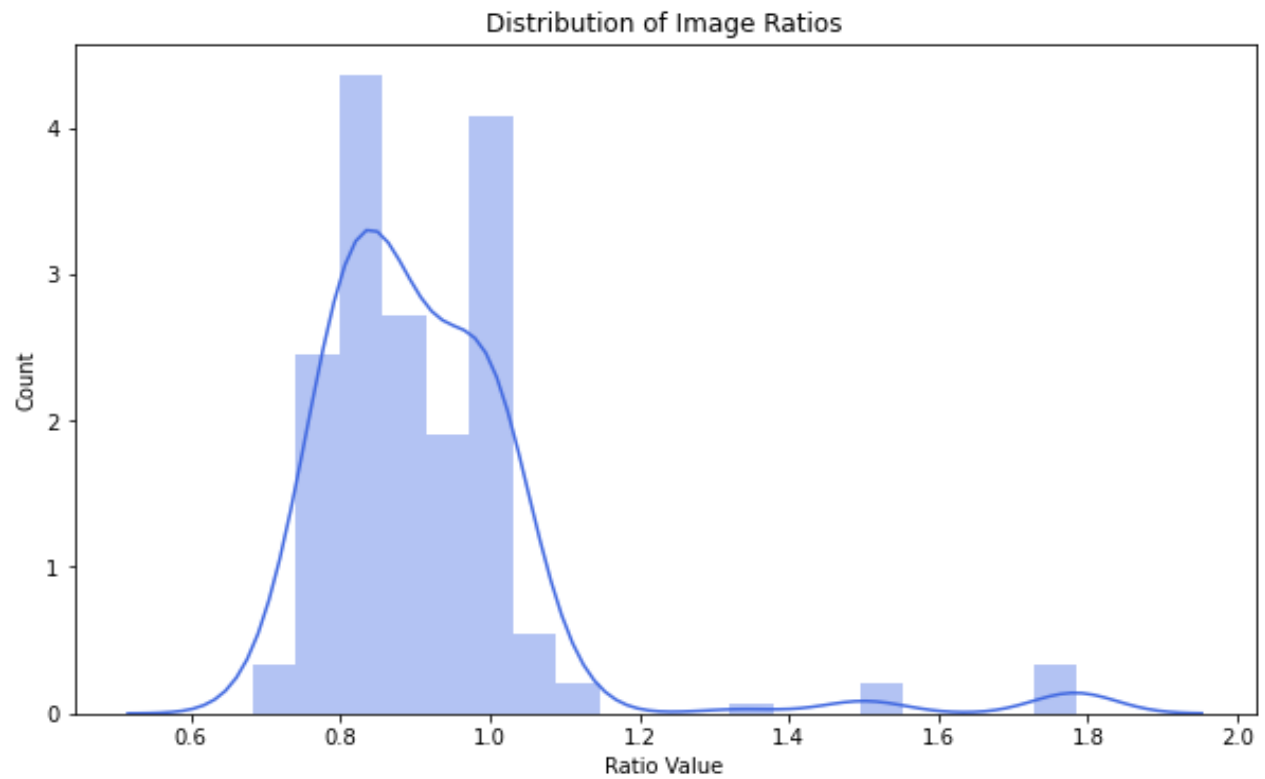


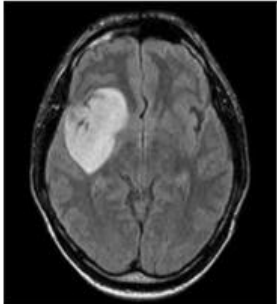
Data Exploration

Distribution of image ratios

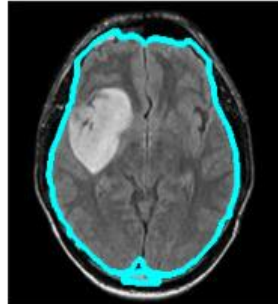


Steps to Crop Images

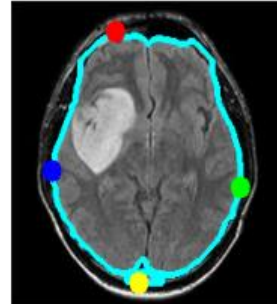
Step 1. Get the original image



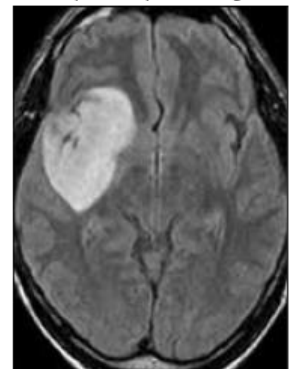
Step 2. Find the biggest contour



Step 3. Find the extreme points

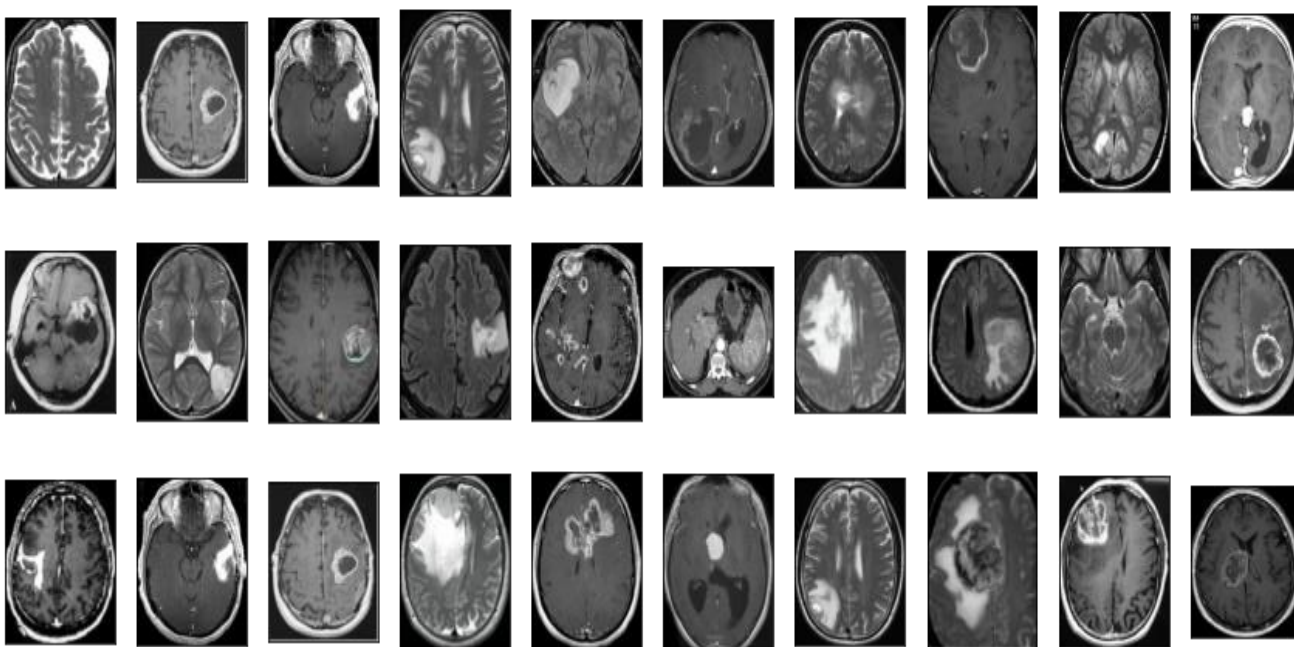


Step 4. Crop the image



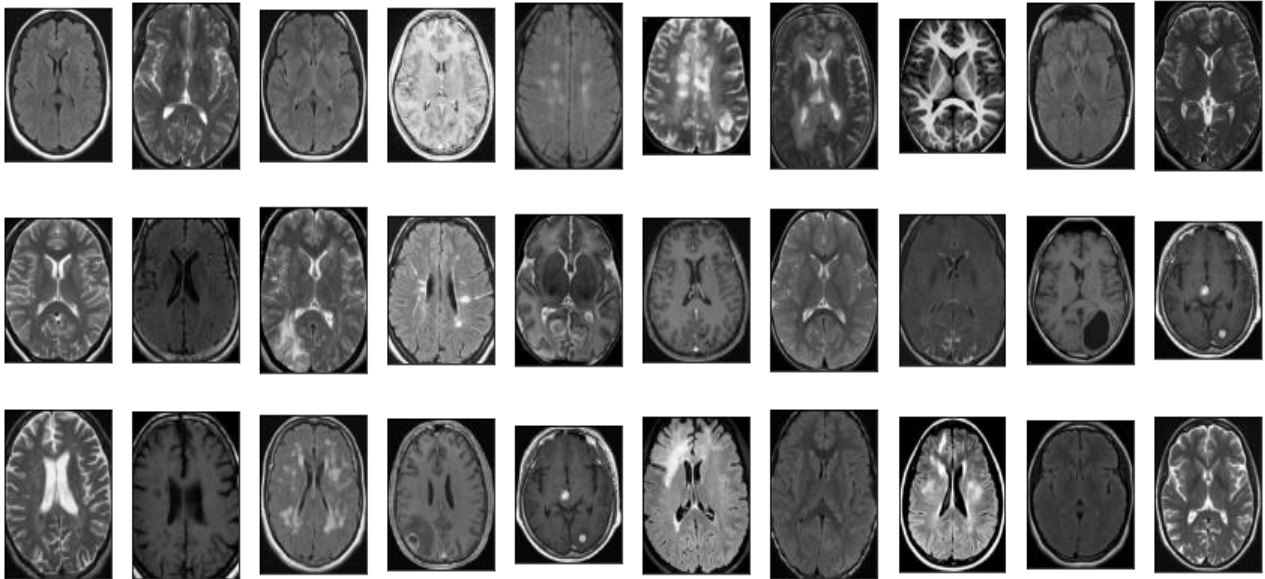
Images having tumor in Brain

Tumor: YES



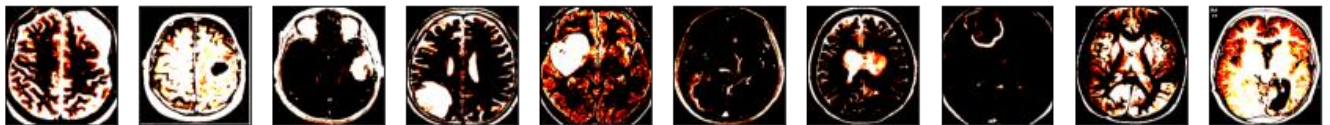
Images have no tumor in Brain

Tumor: NO



Images after Applying VGG-16 preprocessing
Having Brain Tumor

Tumor: YES



Having No Brain Tumor

Tumor: NO

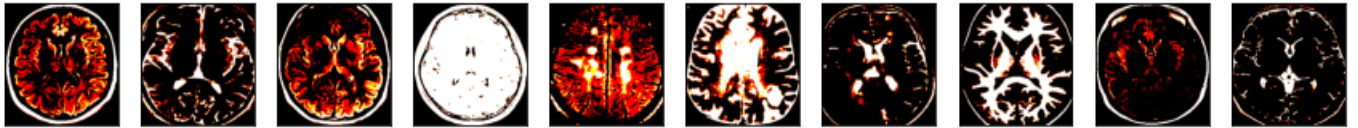


Image before Augmentation (Original Image)

Original Image

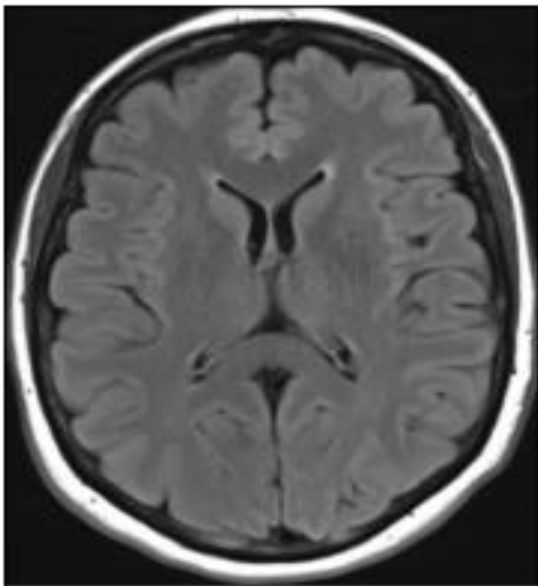
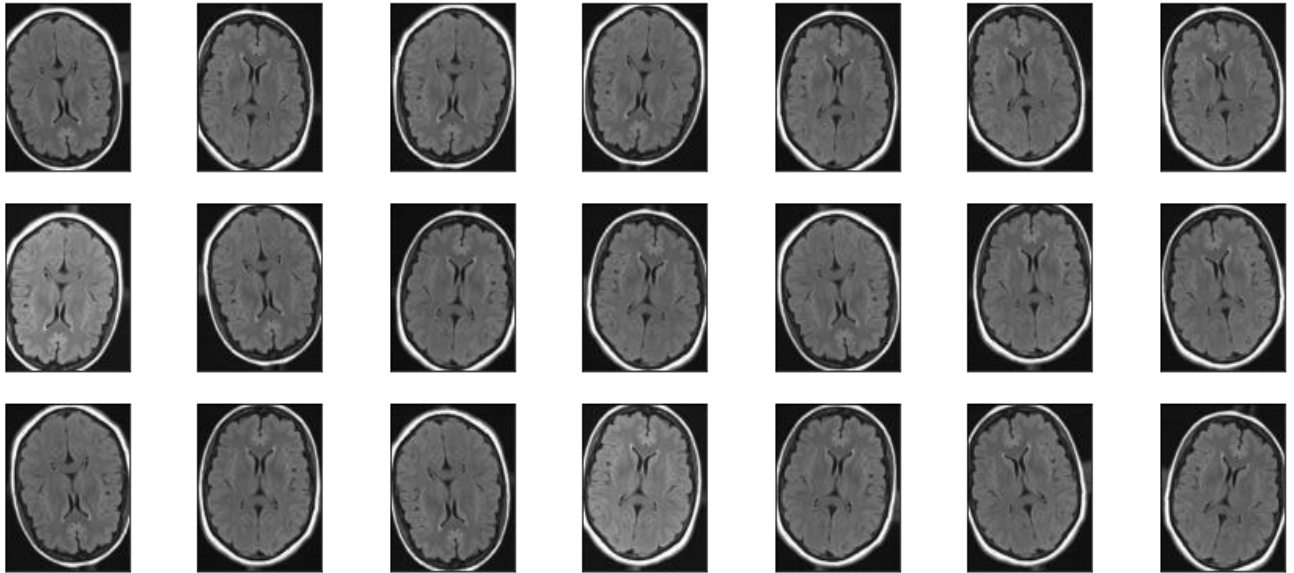
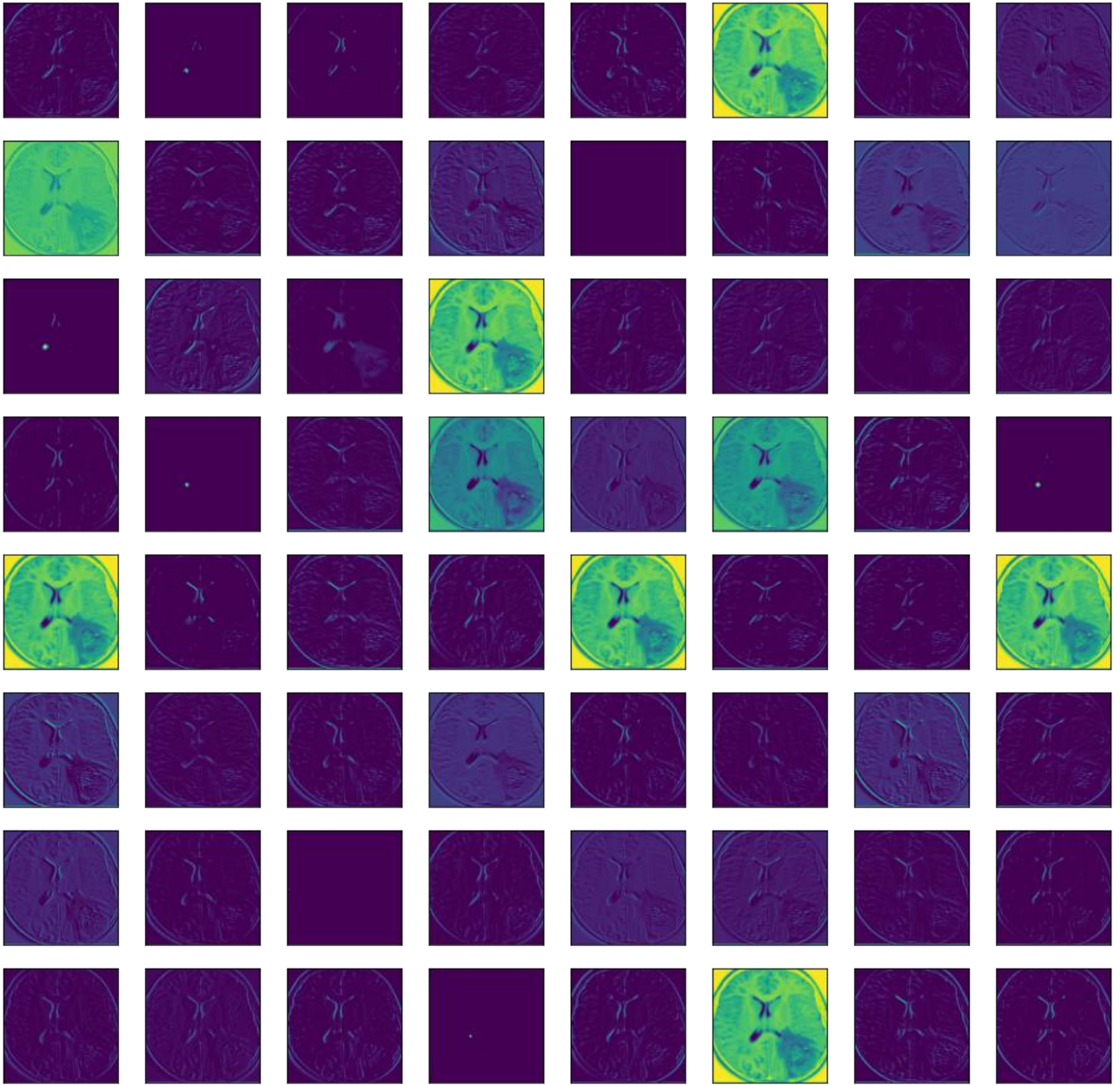


Image after applying augmentation (Augemented Image)

Augemented Images



Plot of All 64 maps used in filter Channel



Plot of the Output from Each block

