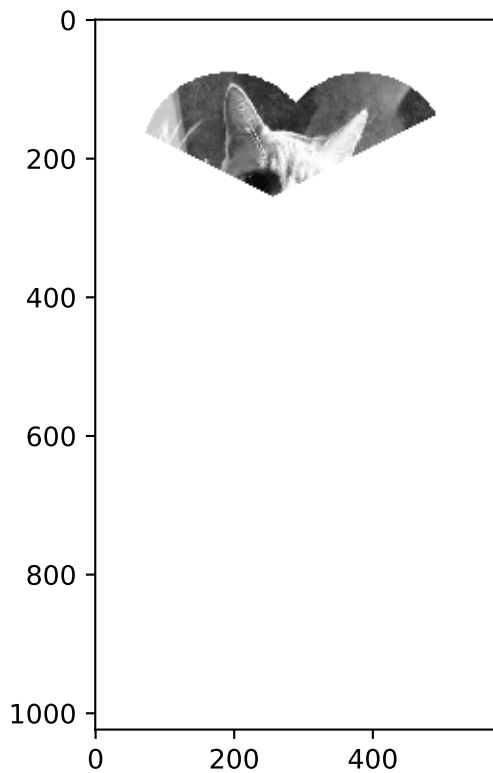


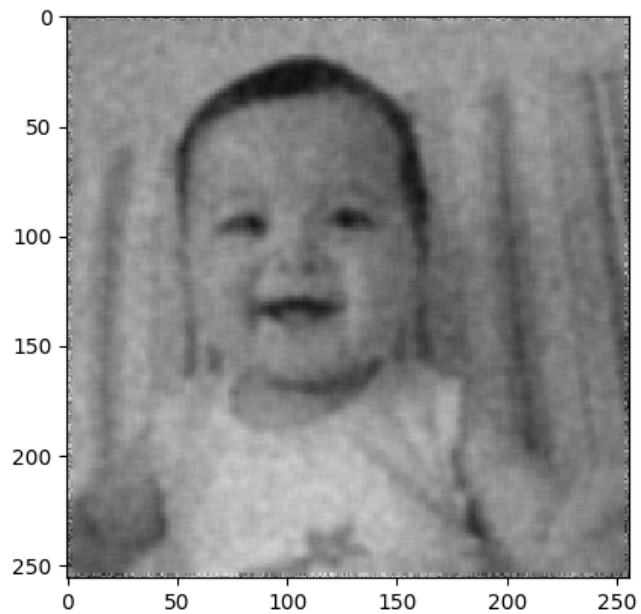
1. heart()





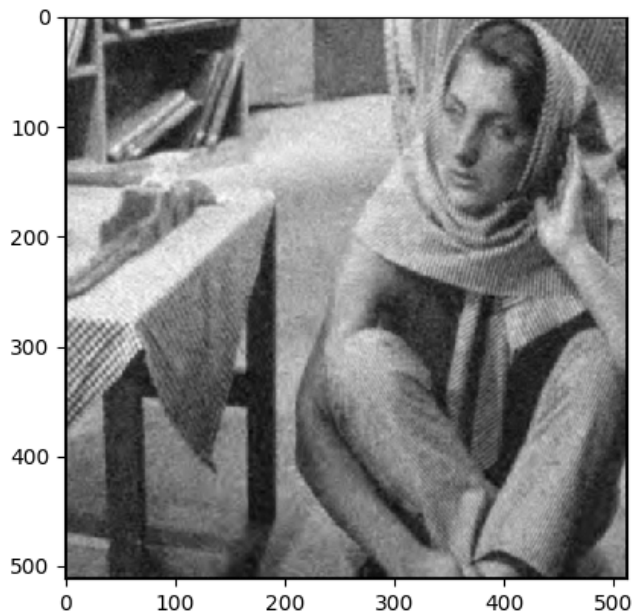
2. blurring(uniform)



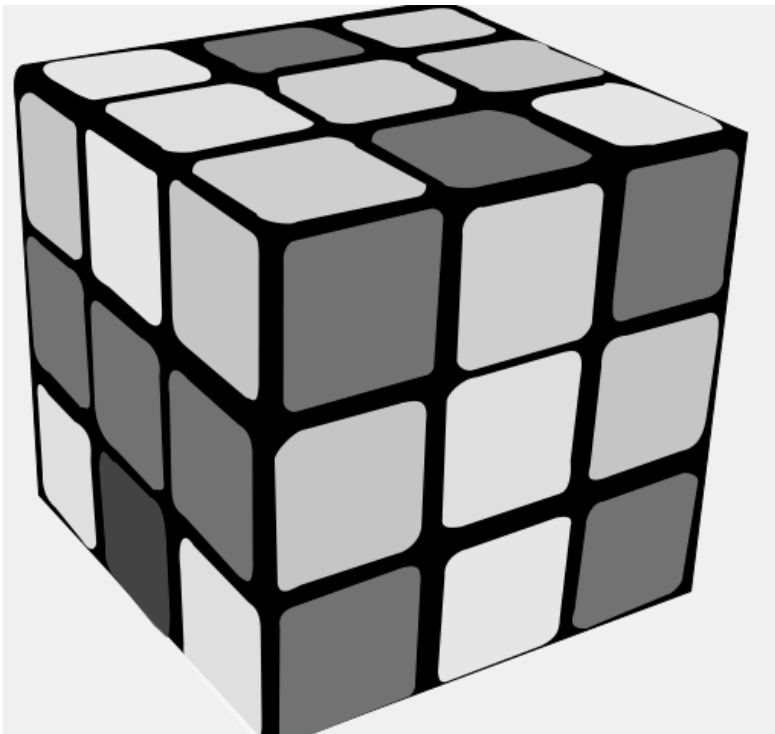


2. blurring(gaussian)

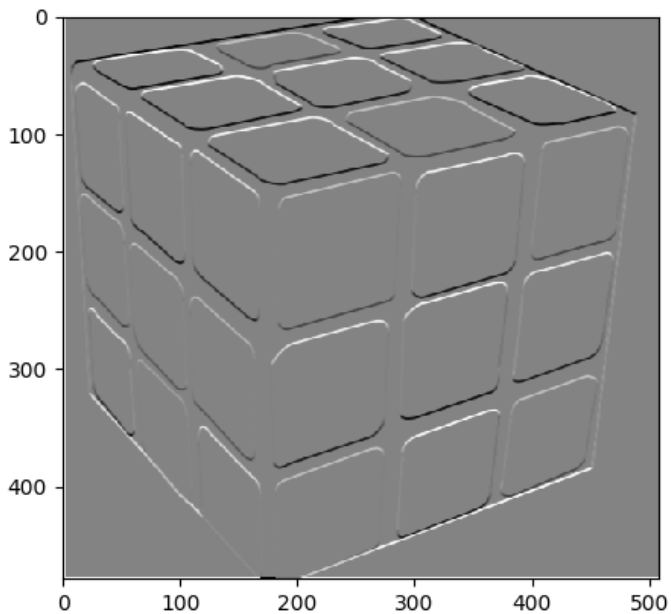




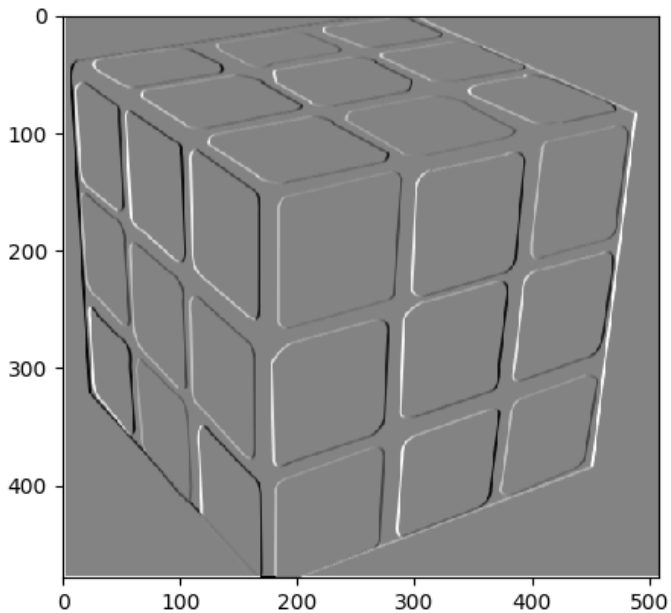
3. detect_edge()



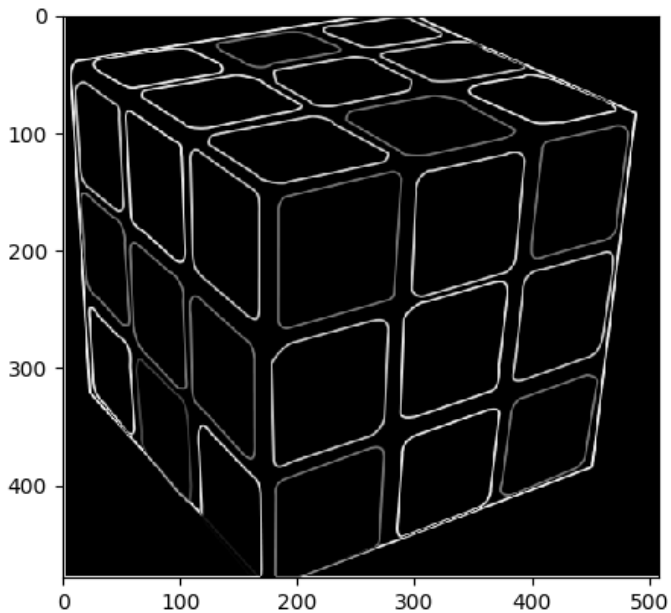
detect_edge(horizontal)



detect_edge(vertical)

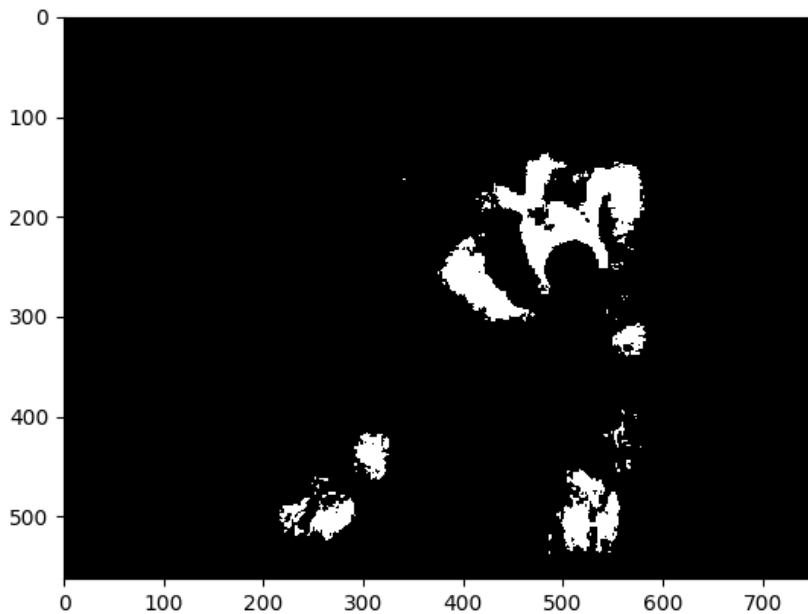


`detect_edge(both)`



4. otsu_threshold()





5. blur_background()

