

How many bits are there in a gray scale image that has a size of (600 X 575) Pixels. (exclude all other information other than the pixels). 34125

How many bytes are there in a binary image that has a size of (610 X 575) Pixels. (exclude all other information other than the pixels). 43844

How many bytes are there in a RGB image that has a size of (610 X 575) Pixels. (exclude all other information other than the pixels). 1052250

A (610 X 575) Pixels gray scale image has been converted to an indexed image. If the original image has 32 different gray levels, what will be the size of the indexed image in bytes if each entry in the color map requires 2 bytes. (exclude all other information other than the pixels). 219283

If we take the complement of an image that is of type uint8, then the pixel with value 223 will be replaced by a value of: 32

If we take the complement of an image that is of type double, then the pixel with value 0.66 will be replaced by a value of: .34

In the spatial domain and without using separability, the application of (36 X 36) filter to an image of size (58 X 58) pixels will require additions and multiplications. 685055 685584

In the spatial domain and using separability, the application of (36 X 36) filter to an image of size (58 X 58) pixels will require additions and multiplications. 65205 67068
