***Ideal value of PSNR should be infinity so higher the PSNR better will be the technique.***

**Results for pepper image (size 512 \* 512)**

1. Using IQR + Log2.

1.1 Green plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.069245656

PSNR Value : 59.7608739 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.015931447

PSNR Value : 66.1422470 dB

1.2 Blue plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.069559733

PSNR Value : 59.7412202 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.016015370

PSNR Value : 66.1194295 dB

1.3 Red plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.054951986

PSNR Value : 60.7649654 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.004645029

PSNR Value : 71.4949147 dB

2. Using Log2 Only

2.1 Blue plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.194271088

PSNR Value : 55.2807176 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.045001984

PSNR Value : 61.6324827 dB

2.2 Green plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.194381714

PSNR Value : 55.2782452 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.045188904

PSNR Value : 61.6144812 dB

2.3 Red plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.168388367

PSNR Value : 55.9016785 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.053159078

PSNR Value : 60.9090249 dB

3. using log10

3.1 Green plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.186319987

PSNR Value : 55.4622049 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.041956584

PSNR Value : 61.9367981 dB

3.2 Blue plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.186272939

PSNR Value : 55.4633016 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.041912079

PSNR Value : 61.9414073 dB

3.3 Red plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.148576101

PSNR Value : 56.4453097 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.002791087

PSNR Value : 73.7070656 dB

4.Using IQR only

4.1 Blue plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.071736654

PSNR Value : 59.6073882 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.015171051

PSNR Value : 66.3546426 dB

4.2 Green plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.080090841

PSNR Value : 59.1289708 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.021725973

PSNR Value : 64.7950070 dB

4.3 Red plane for embedding:

Message : 12345678912345678912345678912345678912345678912345678912345678123456789123456789123456789123456789123456789123456789123456789123456789123456789

Message length in bits :1144

MSE Value : 0.038412730

PSNR Value : 62.3200476 dB

Message : 12345678912345678912345678912345

Message length in bits :256

MSE Value : 0.000279745

PSNR Value : 83.6971812 dB