Y/I/Q channel blurring with 5x5 mean filter

INPUT

OUTPUT

RGB after Y blur

RGB

RGB after I blur

RGB after Q blur

Y

Y blurred

I (+128)

I blurred (+128)

Q (+128)

Q blurred (+128)

Y/I/Q channel blurring with 10x10 mean filter

INPUT

OUTPUT

RGB after Y blur
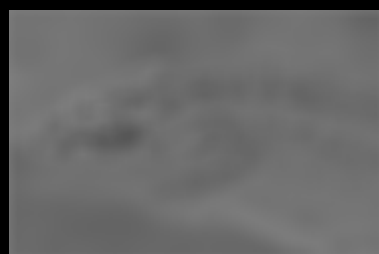
RGB

RGB after I blur

RGB after Q blur

Y

Y blurred

I

I blurred

Q

Q blurred

Y/I/Q channel blurring with 20x20 mean filter

INPUT   OUTPUT

RGB after Y blur
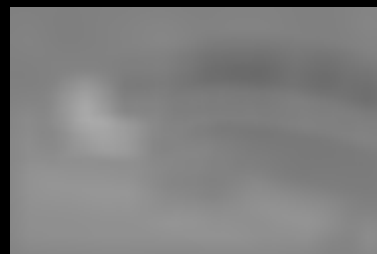
RGB

RGB after I blur

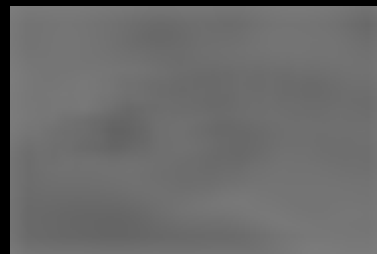RGB after Q blur

Y

Y blurred

I

I blurred

Q

Q blurred

Y/I/Q channel blurring with 40x40 mean filter
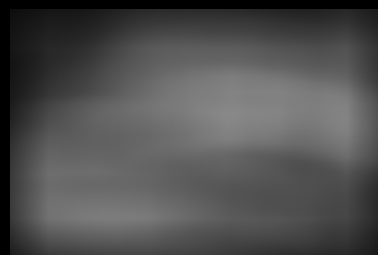
INPUT   OUTPUT

RGB after Y blur

RGB

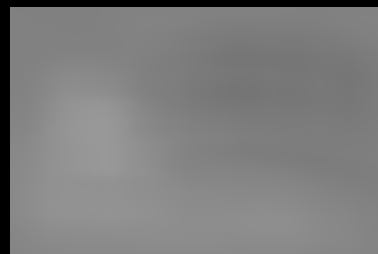RGB after I blur

RGB after Q blur
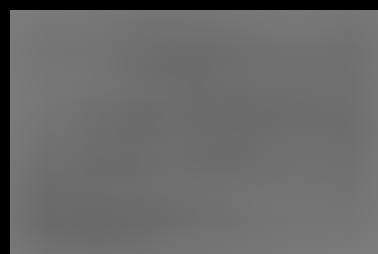
Y

Y blurred

I

I blurred

Q

Q blurred

Y/I/Q channel sharpening

INPUT   OUTPUT

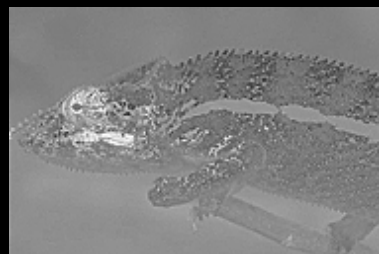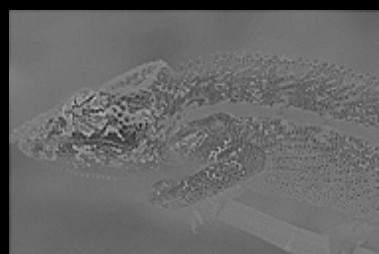RGB after Y sharpen

RGB

RGB after I sharpen

RGB after Q sharpen

Y

Y sharpened

I

I sharpened

Q

Q sharpened