

---

Subject: Re: Zoom-like procedure

Posted by [Bob Fugate](#) on Sat, 28 Jul 2001 22:55:24 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Craig,

You are right. However, it appears one must also add the keyword SAMPLE or all but the last row of the enlarged pixels will contain a number of gradient levels proportional to the dimensions of the array being expanded.

The first time I tried this I had the scale factors wrong -- not integer multiples of the dimensions of the array and I didn't use the sample keyword.

Thanks, again for your help. This solves my problem.

Bob

```
>
> Bob,
>
> Isn't this exactly what REBIN does? It replicates pixels. The value
> of this BLOWUP:
>
> blowup = rebin(img(0:15,0:15), 16*nscale, 16*nscale)
>
> is a new array with NSCALE times as many pixels in each direction as
> the original 16x16 subimage. Then of course you have to TV it onto
> the screen. :-)
>
> Craig
>
> --
> -----
> Craig B. Markwardt, Ph.D.      EMAIL:  craigmnet@cow.physics.wisc.edu
> Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
> -----
```

---