
Subject: ION_IMAGE 8bit/24bit color
Posted by [ddye](#) on Tue, 10 Jun 2003 22:48:21 GMT
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I don't use the z graphics buffer much but I've been dropped into the deep end by my temp ION license. I have an image, 'picC'

```
picC=congrid(pic,3,400,400) ;where 3=[r,g,b]
```

normally, I would tv this image:

```
tv, picC, true=1
```

but this returns only a small portion of the lower right corner of the image with a strange interference pattern. I consulted the Fanning/Lumley/RSI documentation and found that the z buffer doesn't accept truecolor so I'm pretty amazed that I got anything plotted at all.

```
tv, picC[0,*,*]
```

gives me a nice pseudoColor of the first band and at the full size.

How can I get this image tv'd as and rgb?

Subject: Re: ION_IMAGE 8bit/24bit color
Posted by [David Fanning](#) on Thu, 12 Jun 2003 18:01:33 GMT
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Dan Dye writes:

```
> read_jpeg, fname, image24bit ;wedding day quality image
> image24bit = congrid(image24bit,3,400,400)
> loadct, 13
> image8bit=Color_Quan(image24bit,1,R,G,B,COLORS=255, cube=6)
> TVLCT, r, g, b
> TV, image8bit ;image after 25 years of marriage
```

Boy, you got that right! And the worst part of it is, every morning when you pass by the thing in the front hall you swear you are looking at a picture of your parents. :-(

Cheers,

David

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