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Subject: Re: Re IDL w/ 12-bit grayscale?

Posted by [James Kuyper](#) on Mon, 03 Apr 2006 16:41:05 GMT

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Ertel, KG (Klaus) wrote:

> Hello Mike,

>

> Is it really worth the hassle? My guess would be that you can't

> distinguish more than, say, 10 grey levels by eye. ...

Try this:

```
image = rebin(replicate(1,256)#indgen(256),1024,1024,/sample)
```

```
tvscf,image/16
```

```
tvscf,image/8
```

```
tvscf,image/4
```

```
tvscf,image/2
```

I could still easily detect the jumps in brightness level with image/4.

It was a little bit harder for image/2, but I think I could still see them.

> ... 12 bits would give

> you 4096 grey levels, slight overkill. I very much prefer false colour

> representations anyway.

I agree - 4096 grey levels is overkill.

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