
Subject: [Q] writing color JPEGs

Posted by [savoie](#) on Tue, 22 Oct 1996 07:00:00 GMT

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Hi, I'm having a slight problem writing Color JPEGs in IDL. I looked at the FAQ, but it doesn't have any direct examples.

I'm running IDL. Version 4.0.1 (sunos sparc).

Here's a sample program that I ran to generate gif and jpeg output. The problem is that the only reasonable jpeg I can generate is when I don't use the TRUE keyword, but that only seems to generate grey images.

Does anyone out there know what I'm doing wrong? Can you send me an example that works?

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```

```
.....  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

PRO dumper

```
;;; creates a pretty mess for jpegs.
```

```
.....  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

```
;; load rainbow  
loadct, 13  
tv!ct, r, g, b, /get  
tv!ct, r, g, b
```

```
;; set up a picture, window, byte scale the data and display in window  
data = dist(400,400)  
window, /free, xs=400, ys=400  
data = bytscl(data, top=!d.n_colors)  
tv, data
```

```
;; do different types of read from the window  
jpg0 = tvrd()  
jpg1 = tvrd(true=1)  
jpg2 = tvrd(true=2)  
jpg3 = tvrd(true=3)  
imggif = tvrd()
```

```
;; write the functions.  
write_jpeg, 'test0.jpg', jpg0, quality=100  
write_jpeg, 'test1.jpg', jpg1, quality=100, TRUE=1  
write_jpeg, 'test2.jpg', jpg2, quality=100, TRUE=2  
write_jpeg, 'test3.jpg', jpg3, quality=100, TRUE=3  
write_gif, 'test.gif', imggif, r, g, b
```

END

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The outputs of this program can be viewed here:
<<http://rintintin.colorado.edu/~savoie/>>

Thanks in Advance,

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