
Subject: Re: help - cgimage revise x and y positions
Posted by [wlandsman](#) on Wed, 13 Jan 2016 18:14:28 GMT
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You probably want the TRANSPOSE() function

```
IDL> im = bytarr(30,24,88)
```

```
IDL> im = transpose(im,[1,0,2])    Switch first and second dimensions
```

```
IDL> help,im
```

```
IM          BYTE      = Array[24, 30, 88]
```

--Wayne

On Wednesday, January 13, 2016 at 12:30:11 PM UTC-5, dmfl...@gmail.com wrote:

> Hi

>

> I have a 3D image with the following dimensions Im=[136,136,160]=[x,y,z].

>

> I wanted to display only one pixel from x-direction i.e. Im2=[40,136,160].

>

> I used the cgimage like this:

>

> Im2 = reform(Im2[40,*,*])

>

> cgdisplay, 200,200

> cgimage, Im2

>

> The image displayed is 2D. The x-direction was y-direction and y-direction the z-direction in 3D case.

>

> Is it possible to revise the x- with y-direction when I display the image? OR in 3D sense the y- with z-direction.

>

> Can anyone help with this?

>

> Thanks