Subject: gamma correction
Posted by carine castillon on Wed, 26 Jun 2002 08:14:16 GMT

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Hi all,

I have a question about gamma correction.

I'm displaying jpeg image, and I want to apply a gamma correction to this image.
I don't know how to do. I'm trying gamma_ct procedure but there is no effect.

Thanks for any help

Carine

PS : excuse me, but I don't speak english, I have some problems to write this mail... :o(

Subject: Re: gamma correction
Posted by David Fanning on Fri, 28 Jun 2002 21:32:55 GMT

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Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:

> Beautiful rose, thank you very much! IDL versions checked from
> 5.2 to 5.4.

That's what I thought. And that's why Dick's first solution
won't work for you. Those babies are not going through
the color tables. :-)

Cheers,

David

--
David W. Fanning, Ph.D.
Fanning Software Consulting, Inc.
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: gamma correction

Posted by Craig Markwardt on Fri, 28 Jun 2002 22:04:14 GMT

David Fanning <david@dfanning.com> writes:

> Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:
>
>> Beautiful rose, thank you very much! IDL versions checked from
>> 5.2 to 5.4.
>
> That's what I thought. And that's why Dick's first solution
> won't work for you. Those babies are not going through
> the color tables. :-)

Okay, now I guess I understand. Actually you fooled me, I thought the
beautiful flower was the right answer. :-)

Let me say that I think that the Windows/Mac approach, while it may be
neato/keen, is just plain wrong. It's documented nowhere! The system
documentation for DEVICE, DECOMPOSED=1 mentions nothing about such a
transformation. There should be a documented flag to enable this, and
then it should work consistently across platforms, darnit!

Craig

--
 --- --------------
Craig B. Markwardt, Ph.D.   EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
 --- --------------

Subject: Re: gamma correction
Posted by David Fanning on Fri, 28 Jun 2002 22:31:21 GMT

Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:

> Okay, now I guess I understand. Actually you fooled me, I thought the
> beautiful flower was the right answer. :-)
>
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> then it should work consistently across platforms, darnit!

But then there would be no need for TVIMAGE, IMDISP, and... oh,
what the heck was its name... PLOTIMAGE. It would be a less
interesting world, to be sure. :-)

Cheers,

David

--
David W. Fanning, Ph.D.
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Subject: Re: gamma correction
Posted by Craig Markwardt on Fri, 28 Jun 2002 23:46:26 GMT
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David Fanning <david@dfanning.com> writes:
> But then there would be no need for TVIMAGE, IMDISP, and... oh,
> what the heck was its name... PLOTIMAGE. It would be a less
> interesting world, to be sure. :-)

The interesting towns are still written up in the guide books.

:-)
Craig

--
 --- -------------
Craig B. Markwardt, Ph.D.   EMAIL: craigmnet@cow.physics.wisc.edu
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response
 --- -------------

Subject: Re: gamma correction
Posted by Dick Jackson on Wed, 03 Jul 2002 22:05:41 GMT
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"Craig Markwardt" <craigmnet@cow.physics.wisc.edu> wrote in message
news:onu1nncb6p.fsf@cow.physics.wisc.edu...
>
> David Fanning <david@dfanning.com> writes:
>
>> Craig Markwardt (craigmnet@cow.physics.wisc.edu) writes:

>>
>>> Beautiful rose, thank you very much! IDL versions checked from
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>>
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> transformation. There should be a documented flag to enable this, and
> then it should work consistently across platforms, darnit!

Having confirmed with Craig that this is the same behaviour on the X
device under True_Color=24 or Direct_Color=24 (which is different from
Windows), all I can say is "humph".

I think it's really a useful feature. If you can fiddle with a grayscale
image by just changing the colortable, why not have the same thing with
an RGB image? That's how it made sense to me when I discovered this
feature/bug, anyway.

Thanks for clearing this up, guys!

Cheers,
--
-Dick

Dick Jackson   /   dick@d-jackson.com
D-Jackson Software Consulting /   http://www.d-jackson.com
Calgary, Alberta, Canada   / +1-403-242-7398 / Fax: 241-7392