

Re: Color darker when wet

Source: <http://sci.tech-archive.net/Archive/sci.physics/2006-01/msg03892.html>

- *From:* "John Christiansen" <superkaempe@xxxxxxxxxxxxxxxxxxxxx>
 - *Date:* Mon, 30 Jan 2006 12:28:55 +0100
-

"MKrojc" <krojc@xxxxxxx> skrev i en meddelelse
news:1138616229.190233.42910@xx

> I'm looking for some explanation on why all colors, when wet, get
> darker. The thing is, that I have never stumbled on an example when
> this is not true. So I'd need some help on why and also if there are
> exceptions.

>
> If my explanation id poor, then just wet your color T-shirts :)

>
> Thanks a lot.

>
I haven't done any research on this so I am a little into guessing. When radiation hits a surface some of it is reflected and some is absorbed. The more radiation that is absorbed (and thus less reflected) the darker the surface, a black surface absorbes at least in theory all radiation. Now if a surface is wet some of the incoming radiation will be used to evaporate the water and thus less radiation is reflected and the surface seems darker.

• *References:*

- ◆ [Color darker when wet](#)
◇ *From:* MKrojc

- Prev by Date: [New physical sciences/mathematics positions at http://jobs.phds.org, January 30, 2006](#)
- Next by Date: [Re: carbon dioxide ice on the earth?](#)
- Previous by thread: [Color darker when wet](#)
- Next by thread: [Re: Color darker when wet](#)
- Index(es):
 - ◆ [Date](#)
 - ◆ [Thread](#)