

Converting Colors

YIQ(217.0480, 0.0450, 4.6930)

Have a look what the booklet for
YIQ(217.0480, 0.0450, 4.6930)
contains.

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Color

**YIQ(217.0480, 0.0450,
4.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	DCD6E1
RGB	220, 214, 225
RGB Percent	86%, 84%, 88%
CMY	0.1372, 0.1608, 0.1176
CMYK	0.02, 0.05, 0.00, 0.12
HSL	273°, 15%, 86%
HSV	273°, 5%, 88%
XYZ	67.1531, 68.7445, 80.9623
YIQ	217.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

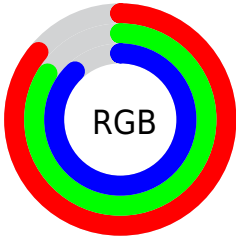
Format	Color
R _Y B	220, 214, 225
Decimal	14472929
CIE Lab	86.38, 4.05, -4.68
CIE LCh	86, 6.185, 310.848
Yxy	68.7445, 0.3097, 0.3170
Android (android.graphics.Color)	4292663009 (0xFFD6CD6E1)
YUV	217.0480, 3.9203, 2.5889
Hunter-Lab	82.9123, -0.5242, 0.1430

Details

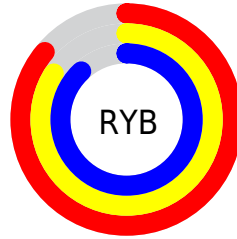
The YIQ color $217.0480, 0.0450, 4.6930$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $221.9520, -0.0450, -4.6930$, and the grayscale version is $217.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $162.0480, 0.0450, 4.6930$ is the 20% darker color. If you saturate the color by 10%, you get $201.1440, 0.1350, 14.0790$, and if you desaturate by 10%, it is $233.5390, -0.3200, -5.2160$.

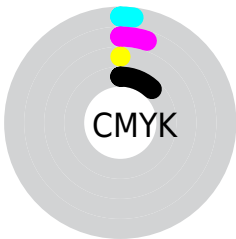
Distribution



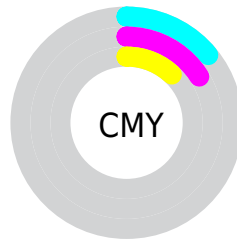
- Red (86%)
- Green (84%)
- Blue (88%)



- Red (86%)
- Yellow (84%)
- Blue (88%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.0480, 0.0450, 4.6930 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 217.0480, 0.0450, 4.6930 by changing the saturation by 10% instead.

■ 217.0480, 0.0450,
4.6930

■ 217.0480, 0.0450,
4.6930

255.0000, -0.0000,
-0.0000

■ 189.0480, 0.0450,
4.6930

■ 162.0480, 0.0450,
4.6930

■ 135.9340, 0.3660,
4.3820

■ 110.6350, -0.2300,
4.1700

■ 86.5210, 0.0910,
3.8590

■ 63.2220, -0.5050,
3.6470

■ 41.1080, -0.1840,

3.3360

■ 20.4070, 0.4120,
3.5480

■ 0.0000, 0.0000,
0.0000

■ 217.0480, 0.0450,
4.6930

■ 217.0480, 0.0450,
4.6930

■ 201.1440, 0.1350,
14.0790

■ 233.5390, -0.3200,
-5.2160

■ 184.6530, 0.5000,
23.9880

■ 247.0950, 0.6900,
-12.5100

■ 168.4500, -0.0060,
33.1620

■ 250.3840, 7.2460,
-10.1780

■ 151.9590, 0.3590,
43.0710

■ 251.5800, 9.6300,
-9.3300

■ 136.0550, 0.4490,
52.4570

■ 119.5640, 0.8140,
62.3660

■ 103.6600, 0.9040,
71.7520

■ 86.8700, 0.6730,
81.4490

■ 70.9660, 0.7630,
90.8350

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



216.4710, -5.6400, 3.0960



217.0480, 0.0450, 4.6930



217.6850, 5.5010, 4.9330

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.0480, 0.0450, 4.6930



216.2630, 9.4450, -0.4670



214.3900, -10.0860, -4.4380

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



217.0480, 0.0450, 4.6930



221.9520, -0.0450, -4.6930

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



214.3150, -5.5010, -4.9330



217.0480, 0.0450, 4.6930



215.6430, 5.3190, -2.7850

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



217.0480, 0.0450, 4.6930



217.3280, 10.8200, 2.1480



214.9520, -0.0450, -4.6930



214.7860, -11.1410, -1.8370

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



217.0480, 0.0450, 4.6930



217.2400, 8.2520, 4.6360



214.9520, -0.0450, -4.6930



214.4610, -8.8480, -4.8480

Sweetspot

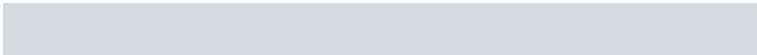
The Sweet Spot groups the original color and five complimentary colors.



217.0480, 0.0450, 4.6930



252.9400, 0.2290, 1.3570



218.1890, -4.9060, 0.8060



126.5270, -0.0460, 0.8340



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



217.0480, 0.0450, 4.6930



244.1020, -0.0470, 6.3610



218.5430, 3.0250, 5.7530



106.4070, 0.4120, 3.5480



48.7680, 0.7200, 75.0880



13.2460, 0.0880, 20.4400

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



217.8590, 4.9510, 3.8870



245.2830, 6.6930, 5.3570



220.4570, -3.0250, -5.7530



106.8480, 3.4840, 2.9400



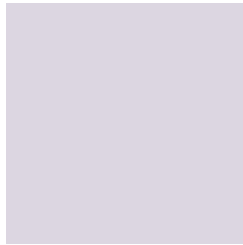
61.7440, 79.2160, 62.1920



16.8600, 21.5460, 17.0180

Previews

White Background



This preview shows how the YIQ color 217.0480, 0.0450, 4.6930 looks on a white background.

Color Contrast Check

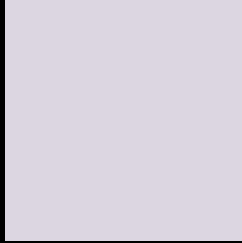
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 217.0480, 0.0450, 4.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

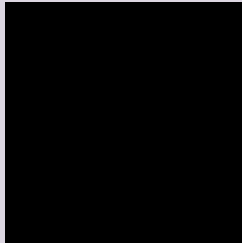
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

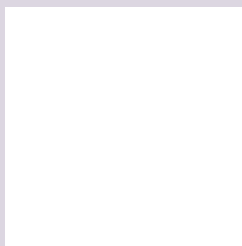
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.0480, 0.0450, 4.6930

Background



This preview shows how black text looks on a background with the YIQ color 217.0480, 0.0450, 4.6930.



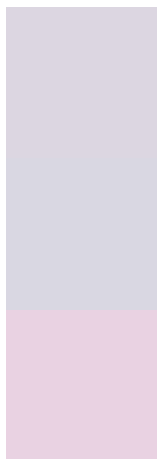
This preview shows how white text looks on a background with the YIQ color 217.0480, 0.0450,

4.6930.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

217.0480, 0.0450, 4.6930

Protanopia

216.8520, -2.3390, 3.8450

Deuteranopia

218.7010, 8.5720, 9.8520



Tritanopia

217.3300, -0.6890, 6.9830

Trichromacy



Original Color

217.0480, 0.0450, 4.6930

Protanomaly

217.1510, -1.7430, 4.0570

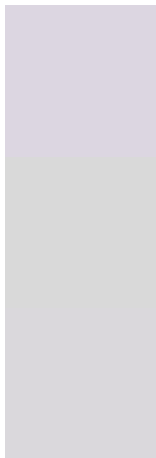
Deuteranomaly

217.7930, 5.3170, 8.2690

Tritanomaly

217.1020, -0.0470, 6.3610

Monochromacy



Original Color

217.0480, 0.0450, 4.6930

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.0540, -0.0920, 1.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.0480, 0.0450, 4.6930 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(220, 214, 225)` looks like.

```
.text, #text, p{  
    color:rgb(220, 214, 225)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(220, 214, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 214, 225) }
```

Border

The CSS property to change the border of an element to YIQ 217.0480, 0.0450, 4.6930 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 214, 225) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(220, 214, 225) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(220, 214, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 214, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 214, 225);  
box-shadow:4px 4px 4px 4px rgb(220, 214,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 217.0480, 0.0450, 4.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 214, 225) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(220,  
214, 225) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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