

Converting Colors

YIQ(217.0420, 0.1820, 7.7180)

Have a look what the booklet for
YIQ(217.0420, 0.1820, 7.7180)
contains.

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Color

**YIQ(217.0420, 0.1820,
7.7180)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DED4E6 |
| RGB | 222, 212, 230 |
| RGB Percent | 87%, 83%, 90% |
| CMY | 0.1294, 0.1686, 0.0980 |
| CMYK | 0.03, 0.08, 0.00, 0.10 |
| HSL | 273°, 26%, 87% |
| HSV | 273°, 8%, 90% |
| XYZ | 67.9518, 68.3289, 84.4678 |
| YIQ | 217.0420, 0.1820, 7.7180 |

Conversions

Conversions Part 2

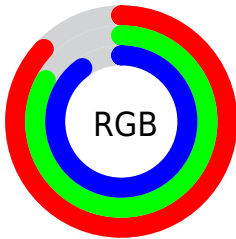
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 222, 212, 230 |
| Decimal | 14603494 |
| CIE Lab | 86.17, 6.70, -7.61 |
| CIE LCh | 86, 10.138, 311.329 |
| Yxy | 68.3289, 0.3078, 0.3095 |
| Android (android.graphics.Color) | 4292793574 (0xFFDED4E6) |
| YUV | 217.0420, 6.3883, 4.3482 |
| Hunter-Lab | 82.6613, 2.0790, -2.7228 |

Details

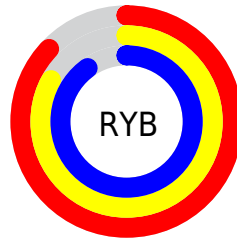
The YIQ color **217.0420, 0.1820, 7.7180** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **224.9580, -0.1820, -7.7180**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **162.0420, 0.1820, 7.7180** is the 20% darker color. If you saturate the color by 10%, you get **200.5510, 0.5470, 17.6270**, and if you desaturate by 10%, it is **233.5330, -0.1830, -2.1910**.

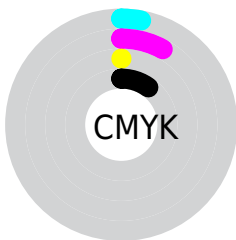
Distribution



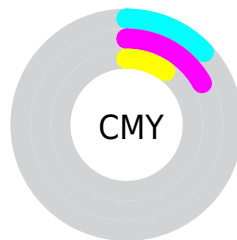
- Red (87%)
- Green (83%)
- Blue (90%)



- Red (87%)
- Yellow (83%)
- Blue (90%)



- Cyan (3%)
- Magenta (8%)
- Yellow (0%)
- Black (10%)



- Cyan (13%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.0420, 0.1820, 7.7180 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 217.0420, 0.1820, 7.7180 by changing the saturation by 10% instead.

■ 217.0420, 0.1820,
7.7180

■ 217.0420, 0.1820,
7.7180

255.0000, -0.0000,
-0.0000

■ 189.0420, 0.1820,
7.7180

■ 162.0420, 0.1820,
7.7180

■ 135.6290, -0.0930,
7.1950

■ 110.5150, 0.2280,
6.8840

■ 86.1020, -0.0470,
6.3610

■ 63.1020, -0.0470,
6.3610

■ 40.9880, 0.2740,

6.0500

■ 20.5750, -0.0010,
5.5270

■ 0.2280, -0.6420,
0.6220

■ 217.0420, 0.1820,
7.7180

■ 217.0420, 0.1820,
7.7180

■ 200.5510, 0.5470,
17.6270

■ 233.5330, -0.1830,
-2.1910

■ 184.0600, 0.9120,
27.5360

■ 248.2630, 0.2770,
-10.5310

■ 167.2700, 0.6810,
37.2330

■ 251.5520, 6.8330,
-8.1990

■ 150.7790, 1.0460,
47.1420

■ 252.1500, 8.0250,
-7.7750

■ 134.2880, 1.4110,
57.0510

■ 117.7970, 1.7760,
66.9600

■ 101.3060, 2.1410,
76.8690

■ 84.5160, 1.9100,
86.5660

■ 68.0250, 2.2750,
96.4750

Harmonies

Analogous

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



215.6710, -9.0790, 4.8490



217.0420, 0.1820, 7.7180



217.9460, 9.2600, 8.3960

Triad

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



217.0420, 0.1820, 7.7180



216.3730, 14.9470, -1.0610



212.4000, -16.0460, -6.5580

Complementary

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



217.0420, 0.1820, 7.7180



224.9580, -0.1820, -7.7180

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.



213.0540, -9.2600, -8.3960



217.0420, 0.1820, 7.7180



215.0300, 8.4830, -5.0610

Square

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



217.0420, 0.1820, 7.7180



216.9760, 17.7430, 3.3350



213.9580, -0.1820, -7.7180



212.8390, -18.6600, -3.2360

Rectangle

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



217.0420, 0.1820, 7.7180



217.4580, 13.5700, 7.3780



213.9580, -0.1820, -7.7180



212.3570, -14.4870, -7.2790

Sweetspot

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



217.0420, 0.1820, 7.7180



251.4670, 0.1830, 2.1910



218.7480, -7.9780, 1.4140



125.6410, -0.3670, 1.1450



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.



217.0420, 0.1820, 7.7180



238.5090, 0.3650, 9.9090



219.3200, 5.2710, 9.1030



106.4610, 0.3200, 5.2160



50.0070, 1.5450, 76.6570



14.1860, 0.3170, 21.7970

Inverse Universe

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



218.2940, 8.1600, 6.3040



240.0170, 10.4980, 7.9860



222.6800, -5.2710, -9.1030



107.1580, 5.5470, 4.0990



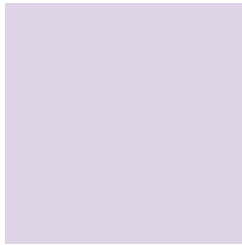
62.5270, 81.3250, 62.5170



17.8710, 23.0130, 17.9650

Previews

White Background



This preview shows how the YIQ color 217.0420, 0.1820, 7.7180 looks on a white background.

Color Contrast Check

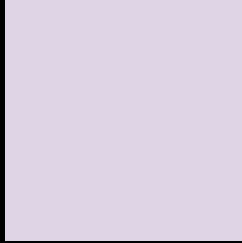
Large Text (above 18pt) WCAG AA × Fail

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 217.0420, 0.1820, 7.7180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

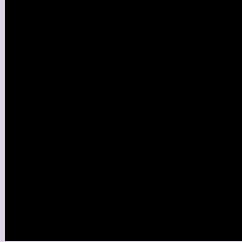
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

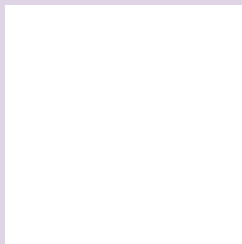
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.0420, 0.1820, 7.7180

Background



This preview shows how black text looks on a background with the YIQ color 217.0420, 0.1820, 7.7180.



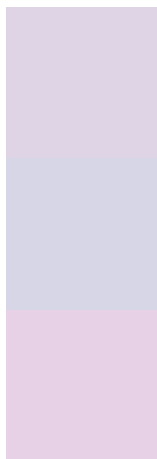
This preview shows how white text looks on a background with the YIQ color 217.0420, 0.1820,

7.7180.

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

217.0420, 0.1820, 7.7180

Protanopia

216.2370, -4.8610, 5.4990

Deuteranopia

217.7870, 5.4540, 11.2940



Tritanopia

216.9280, 0.5030, 7.4070

Trichromacy



Original Color

217.0420, 0.1820, 7.7180

Protanomaly

216.5470, -2.7980, 6.6580

Deuteranomaly

217.4770, 3.3910, 10.1350

Tritanomaly

216.9280, 0.5030, 7.4070

Monochromacy



Original Color

217.0420, 0.1820, 7.7180

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

216.9940, 0.1370, 3.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.0420, 0.1820, 7.7180 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(222, 212, 230)` looks like.

```
.text, #text, p{  
    color:rgb(222, 212, 230)  
}
```

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(222, 212, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 212, 230) }
```

Border

The CSS property to change the border of an element to YIQ 217.0420, 0.1820, 7.7180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

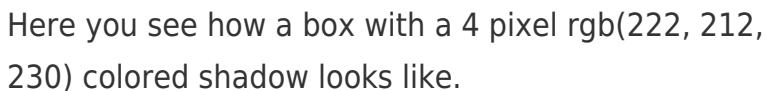
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(222, 212, 230) }
```


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

```
.border{ border-color:rgb(222, 212, 230) }
```

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



Here you see how a box with a 4 pixel `rgb(222, 212, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 212, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 212, 230); box-shadow:4px 4px 4px 4px rgb(222, 212, 230) }
```

Background

The CSS property to change the background color of an element to YIQ 217.0420, 0.1820, 7.7180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 212, 230) }
```

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

```
.background{ background-color: rgb(222,  
212, 230) }
```

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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