

Converting Colors

YIQ(221.8180, -4.9990, 8.0010)

Have a look what the booklet for
YIQ(221.8180, -4.9990, 8.0010)
contains.

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Color

**YIQ(221.8180, -4.9990,
8.0010)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDAF1
RGB	222, 218, 241
RGB Percent	87%, 85%, 95%
CMY	0.1294, 0.1451, 0.0549
CMYK	0.08, 0.10, 0.00, 0.05
HSL	250°, 45%, 90%
HSV	250°, 10%, 95%
XYZ	71.0728, 72.0228, 93.3674
YIQ	221.8180, -4.9990, 8.0010

Conversions

Conversions Part 2

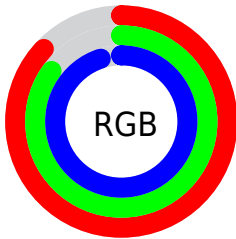
Format	Color
R _Y B	222, 218, 241
Decimal	14605041
CIE Lab	87.98, 5.64, -10.73
CIE LCh	88, 12.126, 297.721
Yxy	72.0228, 0.3006, 0.3046
Android (android.graphics.Color)	4292795121 (0xFFDEDAF1)
YUV	221.8180, 9.4567, 0.1596
Hunter-Lab	84.8663, 0.9721, -5.8228

Details

The YIQ color **221.8180, -4.9990, 8.0010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **237.1820, 4.9990, -8.0010**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **166.7040, -4.6780, 7.6900** is the 20% darker color. If you saturate the color by 10%, you get **201.7500, -10.3190, 16.3130**, and if you desaturate by 10%, it is **241.8860, 0.3210, -0.3110**.

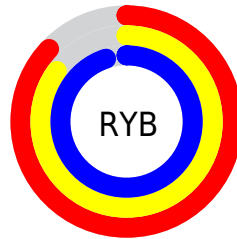
Distribution



Red (87%)

Green (85%)

Blue (95%)



Red (87%)

Yellow (85%)

Blue (95%)

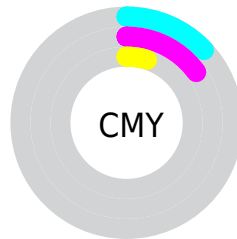


Cyan (8%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.8180, -4.9990, 8.0010 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 221.8180, -4.9990, 8.0010 by changing the saturation by 10% instead.

■ 221.8180, -4.9990,
8.0010

■ 221.8180, -4.9990,
8.0010

255.0000, -0.0000,
-0.0000

■ 193.8180, -4.9990,
8.0010

■ 166.7040, -4.6780,
7.6900

■ 140.2910, -4.9530,
7.1670

■ 115.1770, -4.6320,
6.8560

■ 90.1770, -4.6320,
6.8560

■ 66.9490, -3.9900,
6.2340

■ 44.5360, -4.2650,

5.7110

■ 24.1230, -4.5400,
5.1880

■ 2.4110, -5.4110,
4.4530

■ 221.8180, -4.9990,
8.0010

■ 221.8180, -4.9990,
8.0010

■ 201.7500,
-10.3190, 16.3130

■ 241.8860, 0.3210,
-0.3110

■ 181.6820,
-15.6390, 24.6250

■ 253.4040, 4.4940,
-4.3540

■ 161.6140,
-20.9590, 32.9370

■ 141.5460,
-26.2790, 41.2490

■ 121.7770,
-31.0030, 49.7730

■ 101.1220,
-36.0480, 58.6080

■ 81.0540, -41.3680,
66.9200

■ 60.9860, -46.6880,
75.2320

■ 40.9180, -52.0080,
83.5440

Harmonies

Analogous

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



220.2080, -15.0850, 3.5630



221.8180, -4.9990, 8.0010



223.0320, 6.1420, 9.8380

Triad

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



221.8180, -4.9990, 8.0010



221.8790, 19.3940, 0.9460



217.1070, -16.7790, -9.7950

Complementary

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



221.8180, -4.9990, 8.0010



237.1820, 4.9990, -8.0010

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.



217.6690, -6.7380, -10.0500



221.8180, -4.9990, 8.0010



220.1940, 13.8930, -3.9870

Square

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



221.8180, -4.9990, 8.0010



222.5250, 20.6310, 6.0630



218.8830, 4.4030, -8.2130



216.9910, -22.1440, -6.1760

Rectangle

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



221.8180, -4.9990, 8.0010



222.8540, 12.5150, 9.9790



218.8830, 4.4030, -8.2130



216.9610, -13.4320, -9.8800

Sweetspot

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



221.8180, -4.9990, 8.0010



248.5100, -1.3760, 2.9120



231.7750, -12.6080, -2.7840



122.9830, -1.3300, 2.0780



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.



221.8180, -4.9990, 8.0010



231.6870, -6.0080, 9.7680



225.1070, 1.5570, 10.3330



109.9660, -2.6600, 4.1560



30.5440, -39.9920, 64.0080



9.3740, -12.0160, 19.5360

Inverse Universe

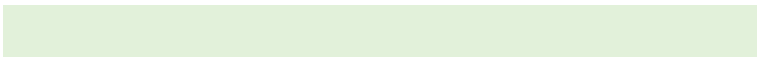
The Inverse Universe completely reimagines the original color for something new.



227.0430, 7.6090, 10.7850



237.9940, 9.3050, 13.0890



233.8930, -1.5570, -10.3330



112.7280, 3.9420, 5.6540



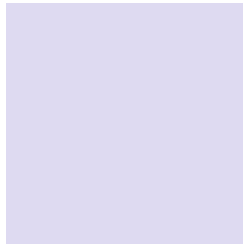
72.3440, 60.8720, 86.2800



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 221.8180, -4.9990, 8.0010 looks on a white background.

Color Contrast Check

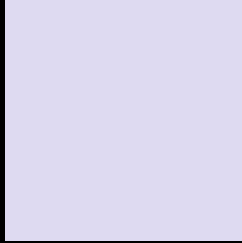
Large Text (above 18pt) WCAG AA × Fail

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 221.8180, -4.9990, 8.0010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

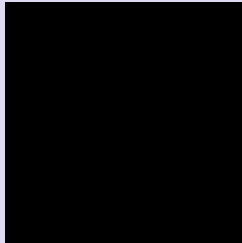
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 221.8180, -4.9990, 8.0010

Background



This preview shows how black text looks on a background with the YIQ color 221.8180, -4.9990, 8.0010.

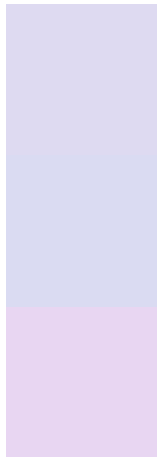


This preview shows how white text looks on a background with the YIQ color 221.8180, -4.9990,

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

221.8180, -4.9990, 8.0010

Protanopia

221.3230, -7.9790, 6.9410

Deuteranopia

222.5740, 1.7400, 12.5240



Tritanopia

221.5360, -4.2650, 5.7110

Trichromacy



Original Color

221.8180, -4.9990, 8.0010

Protanomaly

221.6220, -7.3830, 7.1530

Deuteranomaly

221.9650, -0.9190, 11.1530

Tritanomaly

221.7640, -4.9070, 6.3330

Monochromacy



Original Color

221.8180, -4.9990, 8.0010

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.2110, -1.9720, 2.7000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.8180, -4.9990, 8.0010 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, 218, 241)` looks like.

```
.text, #text, p{  
    color:rgb(222, 218, 241)  
}
```

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, 218, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 218, 241) }
```

Border

The CSS property to change the border of an element to YIQ 221.8180, -4.9990, 8.0010 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, 218, 241) }
```


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

```
.border{ border-color:rgb(222, 218, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 218, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 218, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 218, 241);  
box-shadow:4px 4px 4px 4px rgb(222, 218,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 221.8180, -4.9990, 8.0010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 218, 241) }
```

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

```
.background{ background-color: rgb(222,  
218, 241) }
```

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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