

Converting Colors

YIQ(217.9960, 5.8230, -0.9050)

Have a look what the booklet for
YIQ(217.9960, 5.8230, -0.9050)
contains.

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Color

**YIQ(217.9960, 5.8230,
-0.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	DFD9D2
RGB	223, 217, 210
RGB Percent	87%, 85%, 82%
CMY	0.1255, 0.1490, 0.1764
CMYK	0.00, 0.03, 0.06, 0.13
HSL	32°, 17%, 85%
HSV	32°, 6%, 87%
XYZ	66.8782, 69.9663, 70.9575
YIQ	217.9960, 5.8230, -0.9050

Conversions

Conversions Part 2

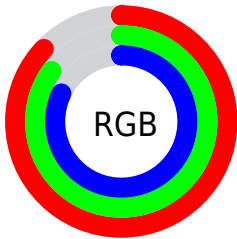
Format	Color
RYB	221, 223, 210
Decimal	14670290
CIELab	86.98, 0.84, 4.15
CIELCh	87, 4.238, 78.598
Yxy	69.9663, 0.3218, 0.3367
Android (android.graphics.Color)	4292860370 (0xFFDFD9D2)
YUV	217.9960, -3.9420, 4.3885
Hunter-Lab	83.6458, -3.6624, 8.2559

Details

The YIQ color **217.9960, 5.8230, -0.9050** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215.0040, -5.8230, 0.9050**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **163.1100, 5.5020, -0.5940** is the 20% darker color. If you saturate the color by 10%, you get **209.6180, 15.6350, -2.5170**, and if you desaturate by 10%, it is **226.3740, -3.9890, 0.7070**.

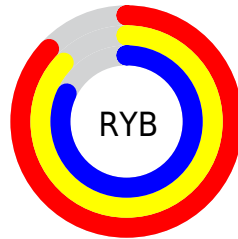
Distribution



Red (87%)

Green (85%)

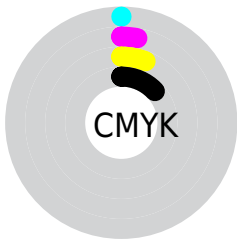
Blue (82%)



Red (87%)

Yellow (87%)

Blue (82%)

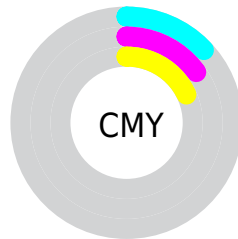


Cyan (0%)

Magenta (3%)

Yellow (6%)

Black (13%)



Cyan (13%)

Magenta (15%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.9960, 5.8230, -0.9050 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 217.9960, 5.8230, -0.9050 by changing the saturation by 10% instead.

■ 217.9960, 5.8230,
-0.9050

■ 217.9960, 5.8230,
-0.9050

255.0000, -0.0000,
-0.0000

■ 189.9960, 5.8230,
-0.9050

■ 163.1100, 5.5020,
-0.5940

■ 136.8110, 4.9060,
-0.8060

■ 111.6970, 5.2270,
-1.1170

■ 86.8110, 4.9060,
-0.8060

■ 63.8110, 4.9060,
-0.8060

■ 41.9250, 4.5850,

-0.4950

■ 21.5120, 4.3100,
-1.0180

■ 0.0000, 0.0000,
0.0000

■ 217.9960, 5.8230,
-0.9050

■ 217.9960, 5.8230,
-0.9050

■ 209.6180, 15.6350,
-2.5170

■ 226.3740, -3.9890,
0.7070

■ 200.5390, 26.0430,
-3.9170

■ 235.4530,
-14.3970, 2.1070

■ 192.1610, 35.8550,
-5.5290

■ 241.3230,
-17.1470, -3.1230

■ 183.7830, 45.6670,
-7.1410

■ 245.4320,
-19.0720, -6.7840

■ 175.4050, 55.4790,
-8.7530

■ 166.3260, 65.8870,
-10.1530

■ 157.9480, 75.6990,
-11.7650

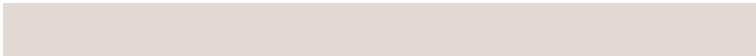
■ 149.5700, 85.5110,
-13.3770

■ 140.4910, 95.9190,
-14.7770

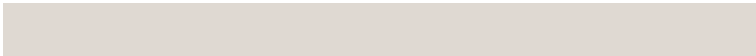
Harmonies

Analogous

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



218.5340, 7.2440, 0.8760



217.9960, 5.8230, -0.9050



217.3870, 3.1640, -2.2760

Triad

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



217.9960, 5.8230, -0.9050



216.4120, -7.1520, -2.5440



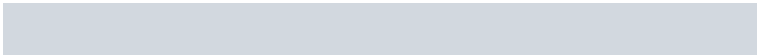
218.5920, 1.3290, 3.4490

Complementary

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



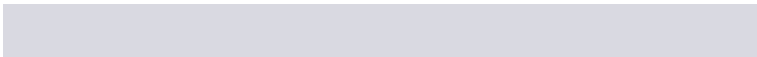
217.9960, 5.8230, -0.9050



215.0040, -5.8230, 0.9050

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.



217.9120, -2.5680, 2.4880



217.9960, 5.8230, -0.9050



217.1670, -7.8400, -1.0880

Square

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



217.9960, 5.8230, -0.9050



216.5540, -4.6760, -3.3640



217.7050, -6.4190, 0.6930



218.5600, 4.3550, 3.6750

Rectangle

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



217.9960, 5.8230, -0.9050



216.8920, 0.1840, -3.3360



217.7050, -6.4190, 0.6930



218.1080, -0.1840, 3.3360

Sweetspot

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



217.9960, 5.8230, -0.9050



253.2560, 2.1550, -0.5090



214.5710, 5.8220, 4.6220



126.4840, 1.5130, 0.1130



0.0000, 0.0000, 0.0000



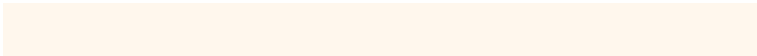
128.0000, -0.0000, -0.0000

Same Dimension

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



217.9960, 5.8230, -0.9050



248.2520, 7.9780, -1.4140



221.5180, 4.1730, -4.0430



108.6260, 3.9890, -0.7070



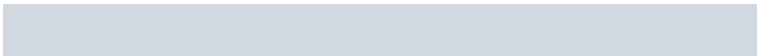
108.3890, 78.7710, -12.3730



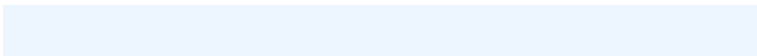
29.6140, 21.4580, -3.4220

Inverse Universe

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



215.0040, -5.8230, 0.9050



243.7480, -7.9780, 1.4140



211.4820, -4.1730, 4.0430



106.3740, -3.9890, 0.7070



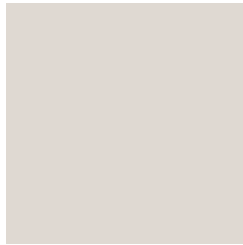
67.6110, -78.7710, 12.3730



18.3860, -21.4580, 3.4220

Previews

White Background



This preview shows how the YIQ color 217.9960, 5.8230, -0.9050 looks on a white background.

Color Contrast Check

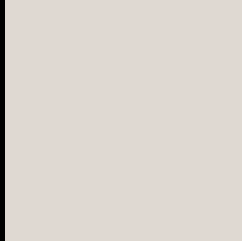
Large Text (above 18pt) WCAG AA × Fail

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 217.9960, 5.8230, -0.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

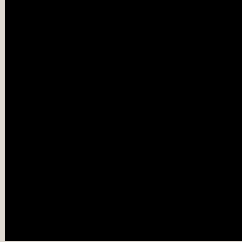
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

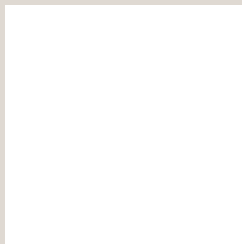
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 217.9960, 5.8230, -0.9050

Background



This preview shows how black text looks on a background with the YIQ color 217.9960, 5.8230, -0.9050.



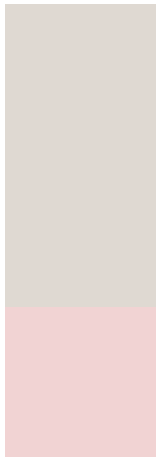
This preview shows how white text looks on a background with the YIQ color 217.9960, 5.8230,

-0.9050.

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

217.9960, 5.8230, -0.9050

Protanopia

217.9960, 5.8230, -0.9050

Deuteranopia

219.9700, 17.8800, 6.3600



Tritanopia

219.5260, 1.6950, 7.8310

Trichromacy



Original Color

217.9960, 5.8230, -0.9050

Protanomaly

217.9960, 5.8230, -0.9050

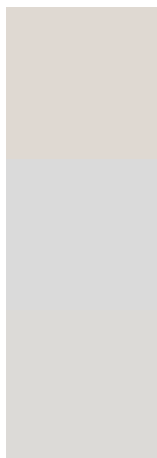
Deuteranomaly

219.0510, 13.1580, 3.8300

Tritanomaly

218.9020, 3.3920, 4.6080

Monochromacy



Original Color

217.9960, 5.8230, -0.9050

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

218.2560, 2.1550, -0.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.9960, 5.8230, -0.9050 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(223, 217, 210)` looks like.

```
.text, #text, p{  
    color:rgb(223, 217, 210)  
}
```

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(223, 217, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 217, 210) }
```

Border

The CSS property to change the border of an element to YIQ 217.9960, 5.8230, -0.9050 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(223, 217, 210) }
```


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

```
.border{ border-color:rgb(223, 217, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 217, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 217, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 217, 210); box-shadow:4px 4px 4px 4px rgb(223, 217, 210) }
```

Background

The CSS property to change the background color of an element to YIQ 217.9960, 5.8230, -0.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 217, 210) }
```

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

```
.background{ background-color: rgb(223,  
217, 210) }
```

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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