

Converting Colors

YIQ(215.0180, 8.7570, 0.9890)

Have a look what the booklet for
YIQ(215.0180, 8.7570, 0.9890)
contains.

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Color

**YIQ(215.0180, 8.7570,
0.9890)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D4CF
RGB	224, 212, 207
RGB Percent	88%, 83%, 81%
CMY	0.1215, 0.1686, 0.1882
CMYK	0.00, 0.05, 0.08, 0.12
HSL	18°, 22%, 85%
HSV	18°, 8%, 88%
XYZ	65.5484, 67.4382, 68.5999
YIQ	215.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

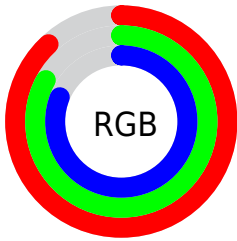
Format	Color
RYB	224, 214, 207
Decimal	14734543
CIELab	85.72, 3.28, 3.93
CIELCh	86, 5.122, 50.146
Yxy	67.4382, 0.3252, 0.3345
Android (android.graphics.Color)	4292924623 (0xFFE0D4CF)
YUV	215.0180, -3.9529, 7.8772
Hunter-Lab	82.1208, -1.2336, 7.9564

Details

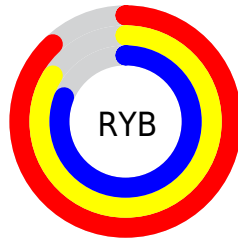
The YIQ color **215.0180, 8.7570, 0.9890** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **215.9820, -8.7570, -0.9890**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **160.1320, 8.4360, 1.3000** is the 20% darker color. If you saturate the color by 10%, you get **203.1180, 20.2190, 2.5150**, and if you desaturate by 10%, it is **226.9180, -2.7050, -0.5370**.

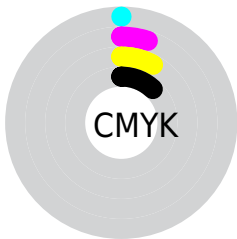
Distribution



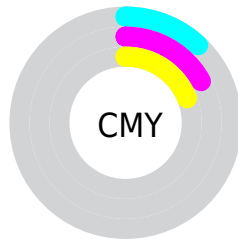
- Red (88%)
- Green (83%)
- Blue (81%)



- Red (88%)
- Yellow (84%)
- Blue (81%)



- Cyan (0%)
- Magenta (5%)
- Yellow (8%)
- Black (12%)



- Cyan (12%)
- Magenta (17%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.0180, 8.7570, 0.9890 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 215.0180, 8.7570, 0.9890 by changing the saturation by 10% instead.

■ 215.0180, 8.7570,
0.9890

■ 215.0180, 8.7570,
0.9890

255.0000, -0.0000,
-0.0000

■ 187.0180, 8.7570,
0.9890

■ 160.1320, 8.4360,
1.3000

■ 133.8330, 7.8400,
1.0880

■ 108.8330, 7.8400,
1.0880

■ 84.5340, 7.2440,
0.8760

■ 61.2350, 6.6480,
0.6640

■ 39.3490, 6.3270,

0.9750

■ 19.0070, 7.2900,
0.0420

■ 0.0000, 0.0000,
0.0000

■ 215.0180, 8.7570,
0.9890

■ 215.0180, 8.7570,
0.9890

■ 203.1180, 20.2190,
2.5150

■ 226.9180, -2.7050,
-0.5370

■ 191.1040, 32.0020,
3.7300

■ 238.9320,
-14.4880, -1.7520

■ 179.7910, 43.1890,
4.7330

■ 245.7310,
-18.4760, -6.5720

■ 167.7770, 54.9720,
5.9480

■ 155.8770, 66.4340,
7.4740

■ 143.9770, 77.8960,
9.0000

■ 131.9630, 89.6790,
10.2150

■ 120.0630,
101.1410, 11.7410

■ 108.6360,
112.6490, 12.4330

Harmonies

Analogous

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



215.1860, 8.3440, 2.9680



215.0180, 8.7570, 0.9890



214.1810, 6.7400, -1.0040

Triad

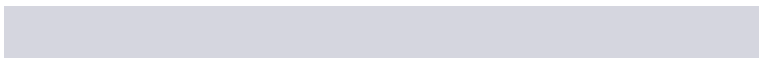
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215.0180, 8.7570, 0.9890



212.8420, -5.5470, -4.0990



214.7270, -3.4850, 2.5870

Complementary

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



215.0180, 8.7570, 0.9890



215.9820, -8.7570, -0.9890

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.



213.9330, -7.0610, 1.3150



215.0180, 8.7570, 0.9890



212.8140, -8.3440, -2.9680

Square

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



215.0180, 8.7570, 0.9890



212.9950, -1.6040, -3.9720



213.6830, -9.3530, -1.2010



215.1190, 1.2830, 4.2830

Rectangle

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



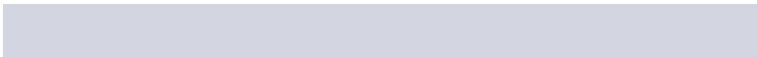
215.0180, 8.7570, 0.9890



213.8710, 4.6770, -2.1630



213.6830, -9.3530, -1.2010



214.2430, -4.9980, 2.4740

Sweetspot

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



215.0180, 8.7570, 0.9890



252.0820, 2.7050, 0.5370



213.4510, 6.2800, 7.3360



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.



215.0180, 8.7570, 0.9890



242.9860, 11.7830, 1.2150



219.7140, 6.5570, -3.1950



106.0500, 5.7310, 0.7630



83.1480, 90.5960, 10.1160



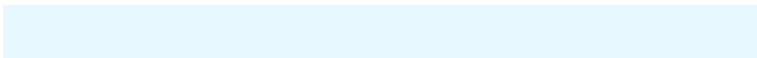
22.5700, 24.7580, 2.8540

Inverse Universe

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



215.9820, -8.7570, -0.9890



244.0140, -11.7830, -1.2150



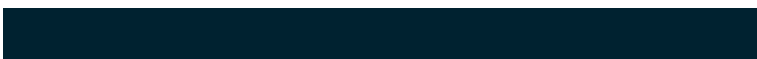
211.2860, -6.5570, 3.1950



106.9500, -5.7310, -0.7630



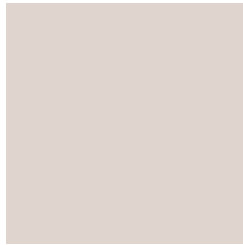
92.8520, -90.5960, -10.1160



25.4300, -24.7580, -2.8540

Previews

White Background



This preview shows how the YIQ color 215.0180, 8.7570, 0.9890 looks on a white background.

Color Contrast Check

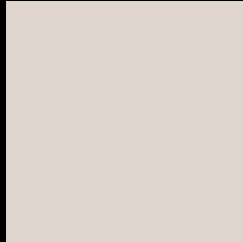
Large Text (above 18pt) WCAG AA × Fail

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 215.0180, 8.7570, 0.9890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

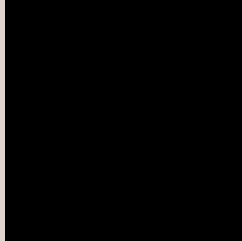
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

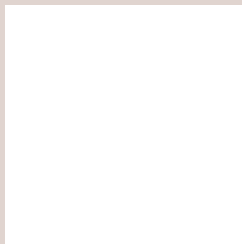
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 215.0180, 8.7570, 0.9890

Background



This preview shows how black text looks on a background with the YIQ color 215.0180, 8.7570, 0.9890.



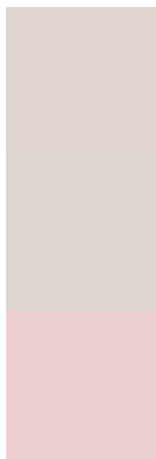
This preview shows how white text looks on a background with the YIQ color 215.0180, 8.7570,

0.9890.

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

215.0180, 8.7570, 0.9890

Protanopia

214.5230, 5.7770, -0.0710

Deuteranopia

216.0840, 17.5590, 6.6710



Tritanopia

216.3200, 5.2710, 9.1030

Trichromacy



Original Color

215.0180, 8.7570, 0.9890

Protanomaly

214.8220, 6.3730, 0.1410

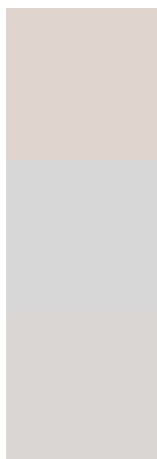
Deuteranomaly

215.7630, 14.0290, 4.5650

Tritanomaly

215.8100, 6.6470, 6.1910

Monochromacy



Original Color

215.0180, 8.7570, 0.9890

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.9680, 3.0260, 0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.0180, 8.7570, 0.9890 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(224, 212, 207)` looks like.

```
.text, #text, p{  
    color:rgb(224, 212, 207)  
}
```

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(224, 212, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 212, 207) }
```

Border

The CSS property to change the border of an element to YIQ 215.0180, 8.7570, 0.9890 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(224, 212, 207) }
```


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

```
.border{ border-color:rgb(224, 212, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 212, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 212, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 212, 207);  
box-shadow:4px 4px 4px 4px rgb(224, 212,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 215.0180, 8.7570, 0.9890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 212, 207) }
```

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

```
.background{ background-color: rgb(224,  
212, 207) }
```

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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