

Converting Colors

YIQ(216.8420, 20.8160, -2.8000)

Have a look what the booklet for
YIQ(216.8420, 20.8160, -2.8000)
contains.

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Color

**YIQ(216.8420, 20.8160,
-2.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD5BD
RGB	235, 213, 189
RGB Percent	92%, 84%, 74%
CMY	0.0784, 0.1647, 0.2587
CMYK	0.00, 0.09, 0.20, 0.08
HSL	31°, 53%, 83%
HSV	31°, 20%, 92%
XYZ	67.2441, 68.9229, 57.9181
YIQ	216.8420, 20.8160, -2.8000

Conversions

Conversions Part 2

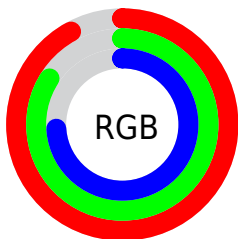
Format	Color
R _Y B	231, 235, 189
Decimal	15455677
CIE Lab	86.47, 3.87, 14.62
CIE LCh	86, 15.118, 75.187
Yxy	68.9229, 0.3465, 0.3551
Android (android.graphics.Color)	4293645757 (0xFFE8D5BD)
YUV	216.8420, -13.7261, 15.9246
Hunter-Lab	83.0198, -0.7037, 16.7507

Details

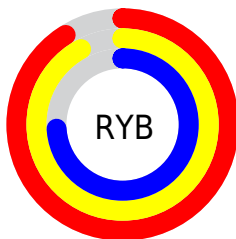
The YIQ color **216.8420, 20.8160, -2.8000** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **207.1580, -20.8160, 2.8000**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.8600, 3.2100, -3.1100**, and **161.7710, 19.5780, -2.3900** is the 20% darker color. If you saturate the color by 10%, you get **207.7630, 31.2240, -4.2000**, and if you desaturate by 10%, it is **226.0350, 10.0870, -1.0890**.

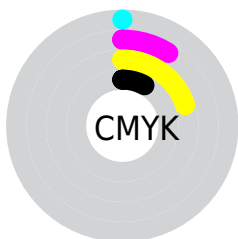
Distribution



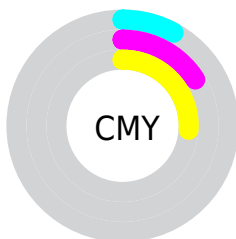
- Red (92%)
- Green (84%)
- Blue (74%)



- Red (91%)
- Yellow (92%)
- Blue (74%)



- Cyan (0%)
- Magenta (9%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.8420, 20.8160, -2.8000 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 216.8420, 20.8160, -2.8000 by changing the saturation by 10% instead.

216.8420, 20.8160,
-2.8000

216.8420, 20.8160,
-2.8000

255.0000, -0.0000,
-0.0000

188.9560, 20.4950,
-2.4890

253.8600, 3.2100,
-3.1100

161.7710, 19.5780,
-2.3900

135.4720, 18.9820,
-2.6020

110.2870, 18.0650,
-2.5030

85.8030, 16.5520,
-2.6160

62.6180, 15.6350,
-2.5170

40.1340, 14.1220,

-2.6300

■ 20.1340, 14.1220,
-2.6300

■ 0.0000, 0.0000,
0.0000

■ 216.8420, 20.8160,
-2.8000

■ 216.8420, 20.8160,
-2.8000

■ 207.7630, 31.2240,
-4.2000

■ 226.0350, 10.0870,
-1.0890

■ 197.9830, 42.2280,
-5.3880

■ 235.1140, -0.3210,
0.3110

■ 188.9040, 52.6360,
-6.7880

■ 244.3240, -9.7200,
-0.0560

■ 179.7110, 63.3650,
-8.4990

■ 249.0200,
-11.9200, -4.2400

■ 170.6320, 73.7730,
-9.8990

■ 160.8520, 84.7770,
-11.0870

■ 151.7730, 95.1850,
-12.4870

■ 142.5800,
105.9140, -14.1980

■ 142.4660,
106.2350, -14.5090

Harmonies

Analogous

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



218.3960, 25.3080, 3.9000



216.8420, 20.8160, -2.8000



215.2920, 10.5010, -8.5950

Triad

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



216.8420, 20.8160, -2.8000



211.6160, -25.5820, -9.9500



218.4600, 2.0610, 12.2130

Complementary

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



216.8420, 20.8160, -2.8000



207.1580, -20.8160, 2.8000

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.



216.8110, -12.2890, 7.9590



216.8420, 20.8160, -2.8000



212.2230, -28.6090, -4.6490

Square

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



216.8420, 20.8160, -2.8000



211.8250, -16.0450, -12.0850



214.6630, -23.7960, 1.7400



219.1040, 14.8070, 12.4950

Rectangle

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



216.8420, 20.8160, -2.8000



214.2200, 1.8360, -11.2520



214.6630, -23.7960, 1.7400



218.1820, -3.0280, 10.8280

Sweetspot

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



216.8420, 20.8160, -2.8000



249.1810, 6.7400, -1.0040



205.2620, 20.3540, 16.5940



124.0390, 4.2640, -0.1840



0.0000, 0.0000, 0.0000



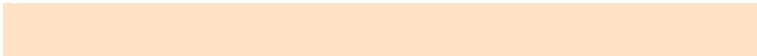
128.0000, -0.0000, -0.0000

Same Dimension

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



216.8420, 20.8160, -2.8000



231.8380, 26.6390, -3.7050



229.4570, 14.1700, -14.5180



112.8110, 4.9060, -0.8060



109.2970, 82.0260, -10.7900



32.5820, 24.4840, -3.1960

Inverse Universe

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



207.1580, -20.8160, 2.8000



219.1620, -26.6390, 3.7050



194.5430, -14.1700, 14.5180



110.1890, -4.9060, 0.8060



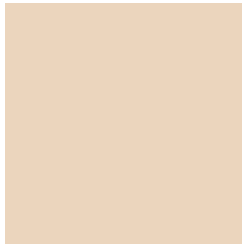
71.7030, -82.0260, 10.7900



21.4180, -24.4840, 3.1960

Previews

White Background



This preview shows how the YIQ color 216.8420, 20.8160, -2.8000 looks on a white background.

Color Contrast Check

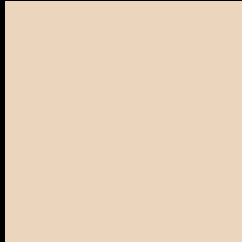
Large Text (above 18pt) WCAG AA × Fail

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 216.8420, 20.8160, -2.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

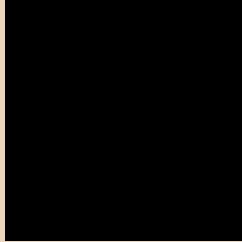
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.8420, 20.8160, -2.8000

Background



This preview shows how black text looks on a background with the YIQ color 216.8420, 20.8160, -2.8000.



This preview shows how white text looks on a background with the YIQ color 216.8420, 20.8160,

-2.8000.

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

216.8420, 20.8160, -2.8000

Protanopia

216.0260, 14.3060, -5.9660

Deuteranopia

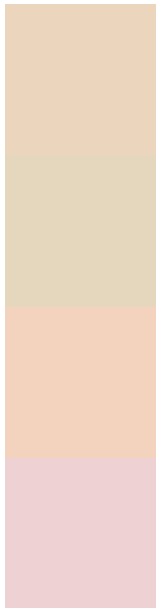
218.1960, 28.7470, 2.1470



Tritanopia

219.0930, 13.3400, 11.5480

Trichromacy



Original Color

216.8420, 20.8160, -2.8000

Protanomaly

216.3360, 16.3690, -4.8070

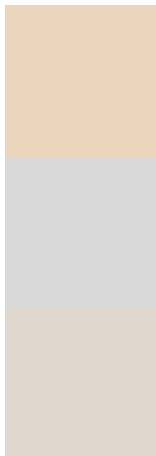
Deuteranomaly

217.5870, 26.0880, 0.7760

Tritanomaly

218.4860, 16.3670, 6.2470

Monochromacy



Original Color

216.8420, 20.8160, -2.8000

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.3660, 7.6570, -1.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.8420, 20.8160, -2.8000 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(235, 213, 189)` looks like.

```
.text, #text, p{  
    color:rgb(235, 213, 189)  
}
```

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(235, 213, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 213, 189) }
```

Border

The CSS property to change the border of an element to YIQ 216.8420, 20.8160, -2.8000 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(235, 213, 189) }
```


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

```
.border{ border-color:rgb(235, 213, 189) }
```

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

Here you see how a box with a 4 pixel rgb(235, 213, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 213, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 213, 189);  
box-shadow:4px 4px 4px 4px rgb(235, 213,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 216.8420, 20.8160, -2.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 213, 189) }
```

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

```
.background{ background-color: rgb(235,  
213, 189) }
```

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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