

Converting Colors

YIQ(221.5380, 18.6160, -6.9840)

Have a look what the booklet for
YIQ(221.5380, 18.6160, -6.9840)
contains.

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Color

**YIQ(221.5380, 18.6160,
-6.9840)**

Conversions

Conversions Part 1

Format	Color
Hex	EBDDBD
RGB	235, 221, 189
RGB Percent	92%, 87%, 74%
CMY	0.0784, 0.1333, 0.2587
CMYK	0.00, 0.06, 0.20, 0.08
HSL	42°, 53%, 83%
HSV	42°, 20%, 92%
XYZ	69.3050, 73.0477, 58.6053
YIQ	221.5380, 18.6160, -6.9840

Conversions

Conversions Part 2

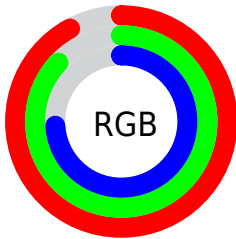
Format	Color
R _Y B	209, 235, 189
Decimal	15457725
CIE Lab	88.47, -0.27, 17.43
CIE LCh	88, 17.436, 90.886
Yxy	73.0477, 0.3449, 0.3635
Android (android.graphics.Color)	4293647805 (0xFFEBDDBD)
YUV	221.5380, -16.0412, 11.8062
Hunter-Lab	85.4680, -4.8253, 19.1725

Details

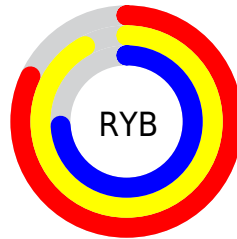
The YIQ color $221.5380, 18.6160, -6.9840$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $202.4620, -18.6160, 6.9840$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, 3.2100, -3.1100$, and $166.4670, 17.3780, -6.5740$ is the 20% darker color. If you saturate the color by 10%, you get $214.8070, 27.9240, -10.4760$, and if you desaturate by 10%, it is $228.3830, 8.9870, -3.1810$.

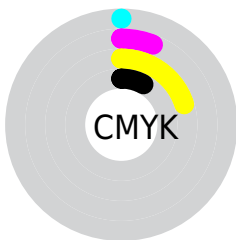
Distribution



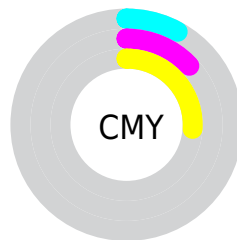
- Red (92%)
- Green (87%)
- Blue (74%)



- Red (82%)
- Yellow (92%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.5380, 18.6160, -6.9840 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 221.5380, 18.6160, -6.9840 by changing the saturation by 10% instead.

■ 221.5380, 18.6160,
-6.9840

■ 221.5380, 18.6160,
-6.9840

255.0000, -0.0000,
-0.0000

■ 193.6520, 18.2950,
-6.6730

■ 253.8600, 3.2100,
-3.1100

■ 166.4670, 17.3780,
-6.5740

■ 140.1680, 16.7820,
-6.7860

■ 114.3960, 16.1400,
-6.1640

■ 89.7980, 14.9480,
-6.5880

■ 66.0260, 14.3060,
-5.9660

■ 43.8410, 13.3890,

-5.8670

■ 23.6560, 12.4720,
-5.7680

■ 0.0000, 0.0000,
0.0000

■ 221.5380, 18.6160,
-6.9840

■ 221.5380, 18.6160,
-6.9840

■ 214.8070, 27.9240,
-10.4760

■ 228.3830, 8.9870,
-3.1810

■ 207.9620, 37.5530,
-14.2790

■ 235.1140, -0.3210,
0.3110

■ 201.2310, 46.8610,
-17.7710

■ 241.3890, -8.3450,
2.5590

■ 193.7990, 56.7650,
-21.0510

■ 246.0850,
-10.5450, -1.6250

■ 187.0680, 66.0730,
-24.5430

■ 249.0200,
-11.9200, -4.2400

■ 180.2230, 75.7020,
-28.3460

■ 173.4920, 85.0100,
-31.8380

■ 166.6470, 94.6390,
-35.6410

■ 165.9460, 95.2350,
-35.4290

Harmonies

Analogous

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



223.6580, 27.3260, 0.3660



221.5380, 18.6160, -6.9840



219.2480, 4.6330, -12.3830

Triad

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



221.5380, 18.6160, -6.9840



216.2500, -33.2390, -8.8470



225.1190, 10.4510, 14.3470

Complementary

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



221.5380, 18.6160, -6.9840



202.4620, -18.6160, 6.9840

Split Complementary

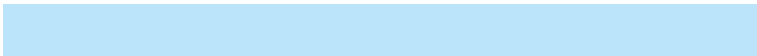
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



224.0400, -5.5040, 11.6480



221.5380, 18.6160, -6.9840



218.2490, -31.4980, -1.8500

Square

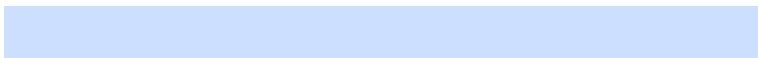
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



221.5380, 18.6160, -6.9840



216.5080, -25.3980, -13.2860



221.2660, -21.0000, 6.1360



225.4100, 22.6930, 12.7490

Rectangle

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



221.5380, 18.6160, -6.9840



218.3330, -5.9120, -14.0080



221.2660, -21.0000, 6.1360



224.7810, 5.5910, 14.3190

Sweetspot

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



221.5380, 18.6160, -6.9840



250.3550, 6.1900, -2.0500



204.4640, 22.6010, 14.4170



125.2130, 3.7140, -1.2300



0.0000, 0.0000, 0.0000



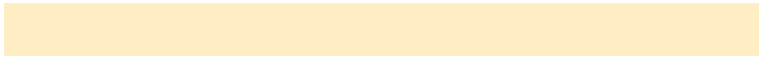
128.0000, -0.0000, -0.0000

Same Dimension

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



221.5380, 18.6160, -6.9840



237.7080, 23.8890, -8.9350



227.3640, 9.9980, -16.0020



113.9850, 4.3560, -1.8520



128.0810, 73.2260, -27.5260



37.8650, 22.0090, -7.9030

Inverse Universe

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



202.4620, -18.6160, 6.9840



213.2920, -23.8890, 8.9350



196.6360, -9.9980, 16.0020



109.0150, -4.3560, 1.8520



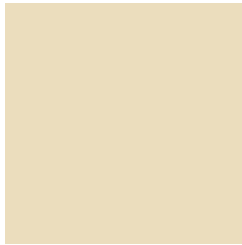
52.9190, -73.2260, 27.5260



15.5480, -21.7340, 8.4260

Previews

White Background



This preview shows how the YIQ color 221.5380, 18.6160, -6.9840 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 221.5380, 18.6160, -6.9840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

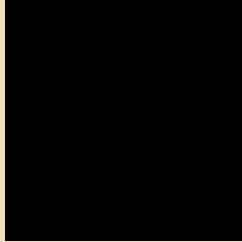
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

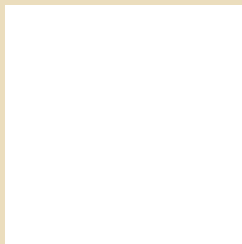
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.5380, 18.6160, -6.9840

Background



This preview shows how black text looks on a background with the YIQ color 221.5380, 18.6160, -6.9840.



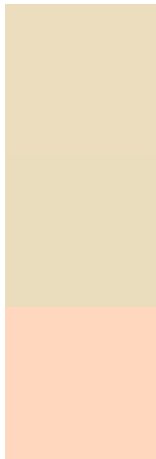
This preview shows how white text looks on a background with the YIQ color 221.5380, 18.6160,

-6.9840.

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

221.5380, 18.6160, -6.9840

Protanopia

220.9400, 17.4240, -7.4080

Deuteranopia

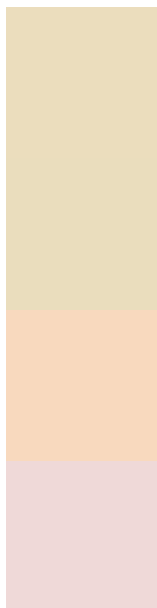
223.5230, 32.1400, 1.2280



Tritanopia

224.7120, 10.0390, 10.7990

Trichromacy



Original Color

221.5380, 18.6160, -6.9840

Protanomaly

221.2390, 18.0200, -7.1960

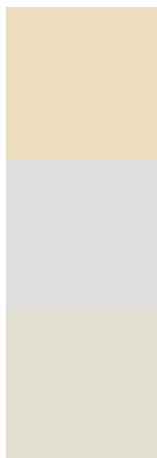
Deuteranomaly

223.1910, 27.1430, -1.8250

Tritanomaly

223.4640, 13.4330, 4.3530

Monochromacy



Original Color

221.5380, 18.6160, -6.9840

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.1270, 6.8320, -2.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.5380, 18.6160, -6.9840 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, 221, 189)` looks like.

```
.text, #text, p{  
    color:rgb(235, 221, 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, 221, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 221, 189) }
```

Border

The CSS property to change the border of an element to YIQ 221.5380, 18.6160, -6.9840 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, 221, 189) }
```


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

```
.border{ border-color:rgb(235, 221, 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, 221, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 221, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 221, 189);  
box-shadow:4px 4px 4px 4px rgb(235, 221,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 221.5380, 18.6160, -6.9840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 221, 189) }
```

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

```
.background{ background-color: rgb(235,  
221, 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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