

Converting Colors

YIQ(216.3980, -4.5370,
-11.3930)

Have a look what the booklet for
YIQ(216.3980, -4.5370, -11.3930)
contains.

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Color

**YIQ(216.3980, -4.5370,
-11.3930)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE1CA
RGB	205, 225, 202
RGB Percent	80%, 88%, 79%
CMY	0.1961, 0.1176, 0.2078
CMYK	0.09, 0.00, 0.10, 0.12
HSL	112°, 28%, 84%
HSV	112°, 10%, 88%
XYZ	62.7606, 71.0961, 66.2922
YIQ	216.3980, -4.5370, -11.3930

Conversions

Conversions Part 2

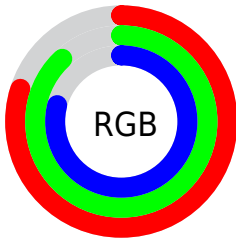
Format	Color
<code>RYB</code>	<code>202, 225, 222</code>
Decimal	<code>13492682</code>
CIELab	<code>87.53, -10.86, 8.99</code>
CIELCh	<code>88, 14.099, 140.374</code>
Yxy	<code>71.0961, 0.3136, 0.3552</code>
Android (<code>android.graphics.Color</code>)	<code>4291682762 (0xFFCDE1CA)</code>
YUV	<code>216.3980, -7.0982, -9.9960</code>
Hunter-Lab	<code>84.3185, -14.6948, 12.4085</code>

Details

The YIQ color **216.3980, -4.5370, -11.3930** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **210.6020, 4.5370, 11.3930**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.8110, -4.2620, -10.8700** is the 20% darker color. If you saturate the color by 10%, you get **207.9100, -9.3950, -22.4750**, and if you desaturate by 10%, it is **225.0000, -0.0000, -0.0000**.

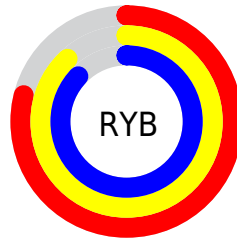
Distribution



Red (80%)

Green (88%)

Blue (79%)



Red (79%)

Yellow (88%)

Blue (87%)

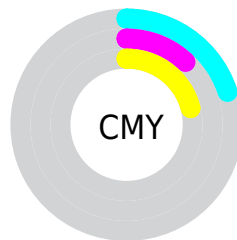


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (12%)



Cyan (20%)

Magenta (12%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.3980, -4.5370, -11.3930 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 216.3980, -4.5370, -11.3930 by changing the saturation by 10% instead.

■ 216.3980, -4.5370,
-11.3930

■ 216.3980, -4.5370,
-11.3930

255.0000, -0.0000,
-0.0000

■ 188.5120, -4.8580,
-11.0820

■ 161.8110, -4.2620,
-10.8700

■ 135.2240, -3.9870,
-10.3470

■ 110.2240, -3.9870,
-10.3470

■ 85.7510, -4.0330,
-9.5130

■ 62.1640, -3.7580,
-8.9900

■ 40.2780, -4.0790,

-8.6790

■ 19.1100, -3.6660,
-10.6580

■ 0.0000, 0.0000,
0.0000

■ 216.3980, -4.5370,
-11.3930

■ 216.3980, -4.5370,
-11.3930

■ 207.9100, -9.3950,
-22.4750

■ 225.0000, -0.0000,
-0.0000

■ 199.6070,
-13.3360, -33.6560

■ 233.1890, 4.2620,
10.8700

■ 191.0050,
-17.8730, -45.0490

■ 237.3900, 8.2500,
15.6900

■ 182.8160,
-22.1350, -55.9190

■ 174.2140,
-26.6720, -67.3120

■ 165.7260,
-31.5300, -78.3940

■ 157.4230,
-35.4710, -89.5750

■ 148.9350,
-40.3290, -100.6570

■ 140.7460,
-44.5910, -111.5270

Harmonies

Analogous

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



217.6230, 8.0710, -8.6090



216.3980, -4.5370, -11.3930



215.0530, -16.6870, -11.4630

Triad

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



216.3980, -4.5370, -11.3930



218.0440, -20.4950, 2.4890



222.0630, 22.0520, 7.8440

Complementary

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



216.3980, -4.5370, -11.3930



210.6020, 4.5370, 11.3930

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.



222.3490, 15.4950, 11.0390



216.3980, -4.5370, -11.3930



220.0780, -8.6670, 8.3970

Square

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



216.3980, -4.5370, -11.3930



215.8320, -25.9500, -3.2780



221.7160, 4.2160, 11.7040



220.9720, 23.5660, 2.4300

Rectangle

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



216.3980, -4.5370, -11.3930



214.6980, -22.8770, -9.4130



221.7160, 4.2160, 11.7040



221.9320, 21.0430, 9.6110

Sweetspot

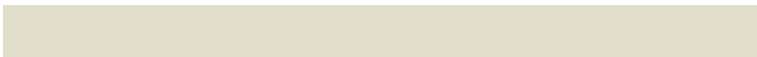
The Sweet Spot groups the original color and five complimentary colors.



216.3980, -4.5370, -11.3930



251.9950, -1.6040, -3.9720



220.6170, 8.2080, -5.5840



125.8210, -1.0540, -2.9260



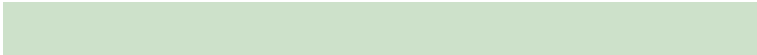
0.0000, 0.0000, 0.0000



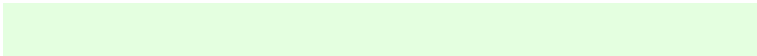
128.0000, -0.0000, -0.0000

Same Dimension

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



216.3980, -4.5370, -11.3930



243.3930, -6.1410, -15.3650



216.4130, -8.8930, -9.5410



107.7560, -2.4290, -5.5410



110.1890, -34.6920, -87.1720



29.9700, -9.6240, -23.8320

Inverse Universe

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



210.6020, 4.5370, 11.3930



235.6070, 6.1410, 15.3650



210.5870, 8.8930, 9.5410



105.2440, 2.4290, 5.5410



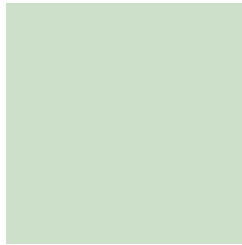
65.8110, 34.6920, 87.1720



18.0300, 9.6240, 23.8320

Previews

White Background



This preview shows how the YIQ color 216.3980, -4.5370, -11.3930 looks on a white background.

Color Contrast Check

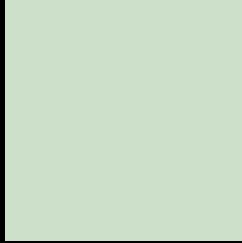
Large Text (above 18pt) WCAG AA × Fail

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 216.3980, -4.5370, -11.3930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

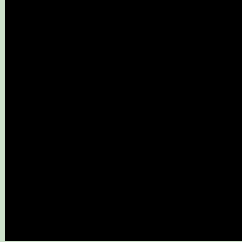
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

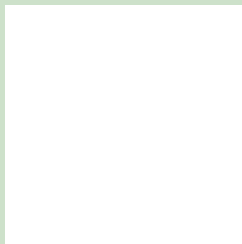
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.3980, -4.5370, -11.3930

Background



This preview shows how black text looks on a background with the YIQ color 216.3980, -4.5370, -11.3930.



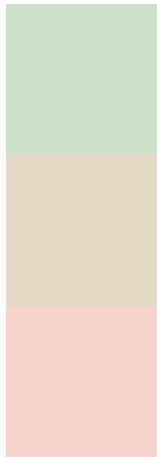
This preview shows how white text looks on a background with the YIQ color 216.3980, -4.5370,

-11.3930.

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

216.3980, -4.5370, -11.3930

Protanopia

218.7100, 12.3800, -4.1000

Deuteranopia

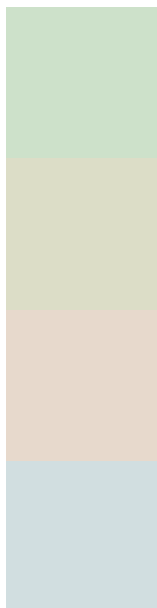
221.3680, 22.5110, 5.0310



Tritanopia

219.2470, -10.8210, 3.3790

Trichromacy



Original Color

216.3980, -4.5370, -11.3930

Protanomaly

218.1930, 6.4660, -7.0540

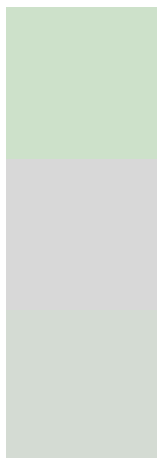
Deuteranomaly

219.7040, 12.5170, -1.0750

Tritanomaly

218.3410, -8.3900, -2.1340

Monochromacy



Original Color

216.3980, -4.5370, -11.3930

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.9950, -1.6040, -3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.3980, -4.5370, -11.3930 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(205, 225, 202)` looks like.

```
.text, #text, p{  
    color:rgb(205, 225, 202)  
}
```

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(205, 225, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 225, 202) }
```

Border

The CSS property to change the border of an element to YIQ 216.3980, -4.5370, -11.3930 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(205, 225, 202) }
```


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

```
.border{ border-color:rgb(205, 225, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 225, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 225, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 225, 202);  
box-shadow:4px 4px 4px 4px rgb(205, 225,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 216.3980, -4.5370, -11.3930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 225, 202) }
```

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

```
.background{ background-color: rgb(205,  
225, 202) }
```

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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