

Converting Colors

YIQ(212.4390, -20.9500,
-16.8060)

Have a look what the booklet for
YIQ(212.4390, -20.9500, -16.8060)
contains.

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Color

**YIQ(212.4390, -20.9500,
-16.8060)**

Conversions

Conversions Part 1

Format	Color
Hex	B6E5CF
RGB	182, 229, 207
RGB Percent	71%, 90%, 81%
CMY	0.2864, 0.1019, 0.1883
CMYK	0.21, 0.00, 0.10, 0.10
HSL	152°, 48%, 81%
HSV	152°, 21%, 90%
XYZ	58.5690, 70.4949, 69.5406
YIQ	212.4390, -20.9500, -16.8060

Conversions

Conversions Part 2

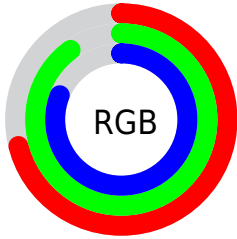
Format	Color
RYB	182, 213, 229
Decimal	11986383
CIELab	87.24, -19.52, 5.76
CIELCh	87, 20.348, 163.548
Yxy	70.4949, 0.2949, 0.3550
Android (android.graphics.Color)	4290176463 (0xFFB6E5CF)
YUV	212.4390, -2.6814, -26.6950
Hunter-Lab	83.9612, -22.4155, 9.6661

Details

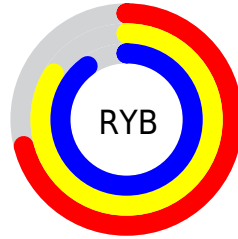
The YIQ color $212.4390, -20.9500, -16.8060$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $198.5610, 20.9500, 16.8060$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $249.9170, -10.1320, -3.6040$, and $157.2650, -20.4000, -15.7600$ is the 20% darker color. If you saturate the color by 10%, you get $204.3080, -31.1270, -25.1030$, and if you desaturate by 10%, it is $220.5700, -10.7730, -8.5090$.

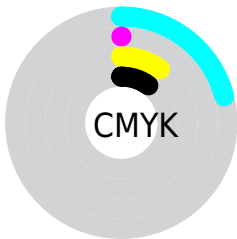
Distribution



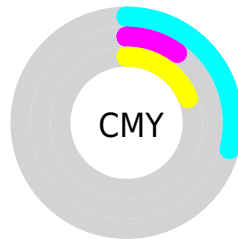
- Red (71%)
- Green (90%)
- Blue (81%)



- Red (71%)
- Yellow (84%)
- Blue (90%)



- Cyan (21%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (29%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.4390, -20.9500, -16.8060 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 212.4390, -20.9500, -16.8060 by changing the saturation by 10% instead.

■ 212.4390,
-20.9500, -16.8060

■ 212.4390,
-20.9500, -16.8060

■ 255.0000, -0.0000,
-0.0000

■ 184.7380,
-20.3540, -16.5940

■ 249.9170,
-10.1320, -3.6040

■ 157.2650,
-20.4000, -15.7600

■ 131.5640,
-19.8040, -15.5480

■ 105.9770,
-19.5290, -15.0250

■ 81.3900, -19.2540,
-14.5020

■ 57.5040, -19.5750,
-14.1910

■ 33.8350, -22.0050,

-14.2050

■ 18.2770, -11.5060,
-11.7460

■ 0.0000, 0.0000,
0.0000

■ 212.4390,
-20.9500, -16.8060

■ 212.4390,
-20.9500, -16.8060

■ 204.3080,
-31.1270, -25.1030

■ 220.5700,
-10.7730, -8.5090

■ 196.2910,
-41.6250, -33.0890

■ 228.5870, -0.2750,
-0.5230

■ 188.1600,
-51.8020, -41.3860

■ 236.7180, 9.9020,
7.7740

■ 180.0290,
-61.9790, -49.6830

■ 239.1680, 8.7550,
12.0430

■ 171.8980,
-72.1560, -57.9800

■ 239.7380, 7.1500,
13.5980

■ 164.1800,
-82.0580, -65.7540

■ 156.0490,
-92.2350, -74.0510

■ 148.3310,
-102.1370, -81.8250

Harmonies

Analogous

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



214.7200, -2.7480, -16.2840



212.4390, -20.9500, -16.8060



211.4190, -35.3930, -13.8650

Triad

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



212.4390, -20.9500, -16.8060



218.6410, -17.5620, 9.9100



220.3430, 32.8270, 5.2990

Complementary

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



212.4390, -20.9500, -16.8060



198.5610, 20.9500, 16.8060

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.



220.5200, 28.1950, 12.1550



212.4390, -20.9500, -16.8060



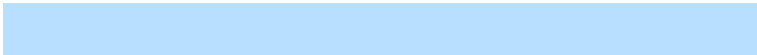
221.6820, 1.5560, 15.8600

Square

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



212.4390, -20.9500, -16.8060



214.9870, -33.5160, 1.6840



222.1910, 19.1160, 17.0040



219.3220, 28.1520, -3.5920

Rectangle

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



212.4390, -20.9500, -16.8060



211.6020, -40.1620, -10.0340



222.1910, 19.1160, 17.0040



220.3260, 31.4970, 7.3770

Sweetspot

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



212.4390, -20.9500, -16.8060



249.7170, -6.6930, -5.3570



216.4660, 0.7830, -19.7050



124.7390, -3.7590, -3.4630



0.0000, 0.0000, 0.0000



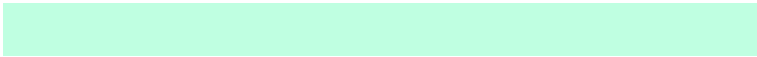
128.0000, -0.0000, -0.0000

Same Dimension

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



212.4390, -20.9500, -16.8060



232.4440, -28.5140, -22.8980



214.3600, -27.7370, -9.4410



110.7280, -5.2260, -4.4100



115.9030, -79.7200, -64.0720



33.0150, -22.6920, -18.2760

Inverse Universe

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



198.5610, 20.9500, 16.8060



213.5560, 28.5140, 22.8980



196.6400, 27.7370, 9.4410



107.2720, 5.2260, 4.4100



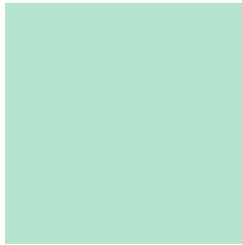
63.0970, 79.7200, 64.0720



17.9850, 22.6920, 18.2760

Previews

White Background



This preview shows how the YIQ color 212.4390, -20.9500, -16.8060 looks on a white background.

Color Contrast Check

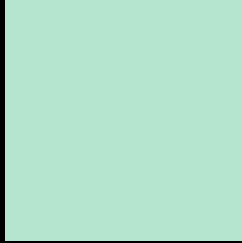
Large Text (above 18pt) WCAG AA × Fail

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 212.4390, -20.9500, -16.8060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

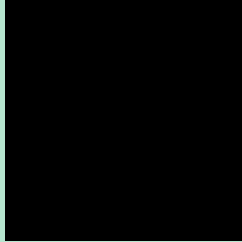
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

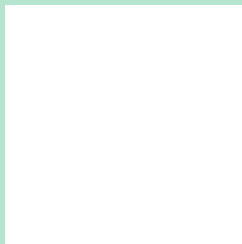
Any Text WCAG AAA ✓ Pass

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

YIQ 212.4390, -20.9500, -16.8060 Background



This preview shows how black text looks on a background with the YIQ color 212.4390, -20.9500, -16.8060.



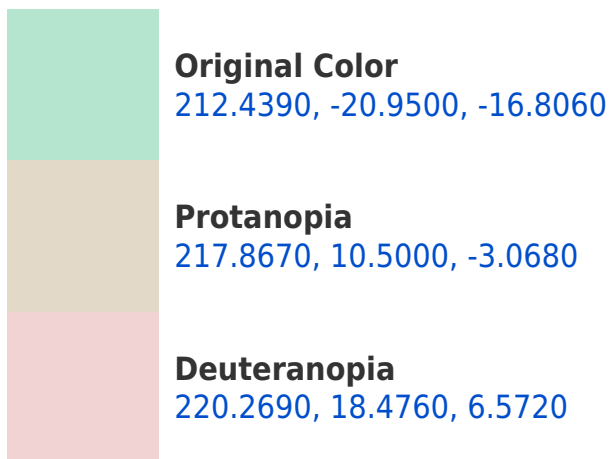
This preview shows how white text looks on a background with the YIQ color 212.4390, -20.9500, -16.8060.

-16.8060.

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

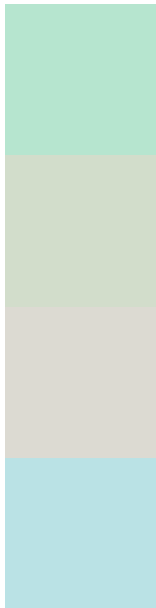




Tritanopia

215.2880, -27.2340, -2.0340

Trichromacy



Original Color

212.4390, -20.9500, -16.8060

Protanomaly

215.6590, -0.7780, -7.9300

Deuteranomaly

217.6860, 3.7600, -2.0640

Tritanomaly

214.3820, -24.8030, -7.5470

Monochromacy



Original Color

212.4390, -20.9500, -16.8060

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

212.0050, -7.5640, -6.0920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.4390, -20.9500, -16.8060 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(182, 229, 207)` looks like.

```
.text, #text, p{  
    color:rgb(182, 229, 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(182, 229, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 229, 207) }
```

Border

The CSS property to change the border of an element to YIQ 212.4390, -20.9500, -16.8060 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(182, 229, 207) }
```


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

```
.border{ border-color:rgb(182, 229, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 229, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 229, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 229, 207);  
box-shadow:4px 4px 4px 4px rgb(182, 229,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 212.4390, -20.9500, -16.8060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 229, 207) }
```

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

```
.background{ background-color: rgb(182,  
229, 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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