

Converting Colors

YIQ(212.0510, -5.1780,
-16.2980)

Have a look what the booklet for
YIQ(212.0510, -5.1780, -16.2980)
contains.

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Color

**YIQ(212.0510, -5.1780,
-16.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	C5E0BE
RGB	197, 224, 190
RGB Percent	77%, 88%, 75%
CMY	0.2275, 0.1215, 0.2549
CMYK	0.12, 0.00, 0.15, 0.12
HSL	108°, 35%, 81%
HSV	108°, 15%, 88%
XYZ	58.9734, 68.9025, 58.9073
YIQ	212.0510, -5.1780, -16.2980

Conversions

Conversions Part 2

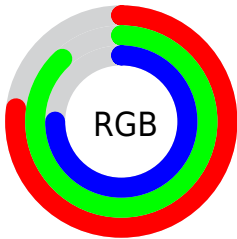
Format	Color
RYB	190, 224, 217
Decimal	12968126
CIELab	86.46, -15.16, 13.68
CIELCh	86, 20.422, 137.940
Yxy	68.9025, 0.3157, 0.3689
Android (android.graphics.Color)	4291158206 (0xFFC5E0BE)
YUV	212.0510, -10.8711, -13.1997
Hunter-Lab	83.0075, -18.4464, 16.0294

Details

The YIQ color $212.0510, -5.1780, -16.2980$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $201.9490, 5.1780, 16.2980$, and the grayscale version is $212.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $253.6750, 2.2930, -3.0110$, and $157.5780, -5.2240, -15.4640$ is the 20% darker color. If you saturate the color by 10%, you get $204.1610, -8.8440, -26.9560$, and if you desaturate by 10%, it is $219.9410, -1.5120, -5.6400$.

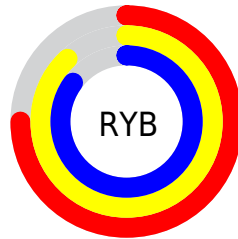
Distribution



Red (77%)

Green (88%)

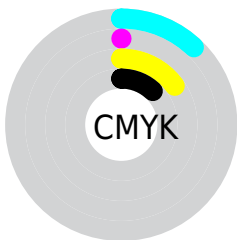
Blue (75%)



Red (75%)

Yellow (88%)

Blue (85%)

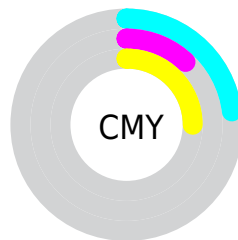


Cyan (12%)

Magenta (0%)

Yellow (15%)

Black (12%)



Cyan (23%)


Magenta (12%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.0510, -5.1780, -16.2980 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 212.0510, -5.1780, -16.2980 by changing the saturation by 10% instead.

 212.0510, -5.1780,
-16.2980


 212.0510, -5.1780,
-16.2980


255.0000, -0.0000,
-0.0000


 184.4640, -4.9030,
-15.7750


 253.6750, 2.2930,
-3.0110

 157.5780, -5.2240,
-15.4640

 130.9910, -4.9490,
-14.9410

 106.1050, -5.2700,
-14.6300

 81.5180, -4.9950,
-14.1070

 58.3440, -4.4450,
-13.0610

 36.4580, -4.7660,

-12.7500

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 212.0510, -5.1780,
-16.2980

■ 212.0510, -5.1780,
-16.2980

■ 204.1610, -8.8440,
-26.9560

■ 219.9410, -1.5120,
-5.6400

■ 196.1570,
-12.1890, -37.9250

■ 227.9450, 1.8330,
5.3290

■ 188.5660,
-15.2590, -48.3710

■ 235.3080, 5.5450,
15.1530

■ 180.5620,
-18.6040, -59.3400

■ 236.8030, 8.5250,
16.2130

■ 172.6720,
-22.2700, -69.9980

■ 164.7820,
-25.9360, -80.6560

■ 156.7780,
-29.2810, -91.6250

■ 149.1870,
-32.3510, -102.0710

■ 145.2420,
-34.1840, -107.4000

Harmonies

Analogous

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



214.4400, 12.8400, -12.4400



212.0510, -5.1780, -16.2980



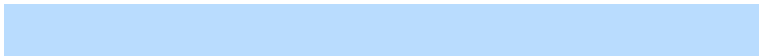
209.8840, -23.7010, -16.5090

Triad

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



212.0510, -5.1780, -16.2980



213.4110, -31.7740, 3.1540



218.7760, 30.3500, 11.6460

Complementary

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



212.0510, -5.1780, -16.2980



201.9490, 5.1780, 16.2980

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.



220.4470, 21.2710, 16.4950



212.0510, -5.1780, -16.2980



217.2500, -14.9030, 11.2810

Square

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



212.0510, -5.1780, -16.2980



210.1230, -40.0710, -6.1750



219.6500, 4.5820, 16.0860



218.5880, 33.5150, 3.8430

Rectangle

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



212.0510, -5.1780, -16.2980



209.2620, -33.5130, -14.8970



219.6500, 4.5820, 16.0860



219.5740, 28.1030, 13.8230

Sweetspot

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



212.0510, -5.1780, -16.2980



250.5280, -1.7870, -6.1630



216.0150, 12.8390, -6.9130



124.9950, -1.6040, -3.9720



0.0000, 0.0000, 0.0000



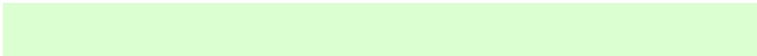
128.0000, -0.0000, -0.0000

Same Dimension

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



212.0510, -5.1780, -16.2980



238.9920, -6.6900, -21.9380



211.0980, -12.5600, -14.6720



108.0550, -1.8330, -5.3290



114.0760, -26.9440, -84.4160



31.1660, -7.2400, -22.9840

Inverse Universe

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



201.9490, 5.1780, 16.2980



225.3070, 7.2860, 22.1500



202.9020, 12.5600, 14.6720



104.9450, 1.8330, 5.3290



61.9240, 26.9440, 84.4160



17.1330, 7.8360, 23.1960

Previews

White Background



This preview shows how the YIQ color 212.0510, -5.1780, -16.2980 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 212.0510, -5.1780, -16.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

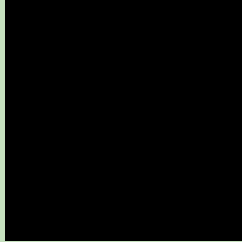
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

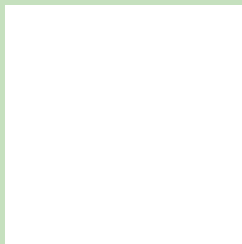
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 212.0510, -5.1780, -16.2980

Background



This preview shows how black text looks on a background with the YIQ color 212.0510, -5.1780, -16.2980.



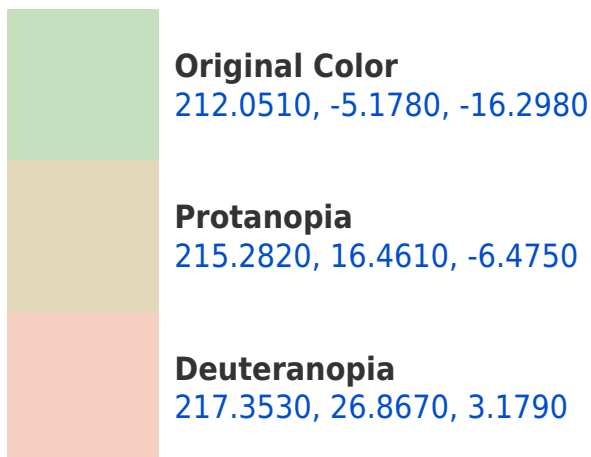
This preview shows how white text looks on a background with the YIQ color 212.0510, -5.1780,

-16.2980.

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

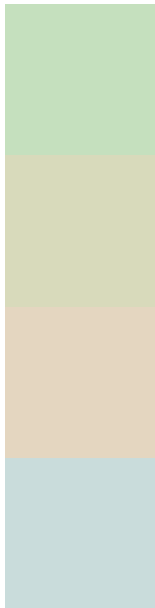




Tritanopia

215.7520, -13.8010, 2.3190

Trichromacy



Original Color

212.0510, -5.1780, -16.2980

Protanomaly

213.8680, 8.7590, -10.0650

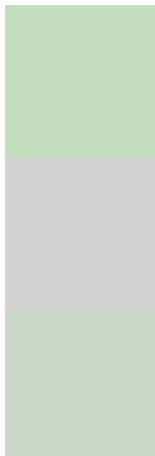
Deuteranomaly

215.6780, 15.4060, -3.8740

Tritanomaly

214.2050, -11.0030, -4.3390

Monochromacy



Original Color

212.0510, -5.1780, -16.2980

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.9410, -1.5120, -5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.0510, -5.1780, -16.2980 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(197, 224, 190)` looks like.

```
.text, #text, p{  
    color:rgb(197, 224, 190)  
}
```

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(197, 224, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 224, 190) }
```

Border

The CSS property to change the border of an element to YIQ 212.0510, -5.1780, -16.2980 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(197, 224, 190) }
```


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

```
.border{ border-color:rgb(197, 224, 190) }
```

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

Here you see how a box with a 4 pixel rgb(197, 224, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 224, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 224, 190);  
box-shadow:4px 4px 4px 4px rgb(197, 224,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 212.0510, -5.1780, -16.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 224, 190) }
```

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

```
.background{ background-color: rgb(197,  
224, 190) }
```

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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