

Converting Colors

YIQ(218.6310, -12.7430,
-16.8630)

Have a look what the booklet for
YIQ(218.6310, -12.7430, -16.8630)
contains.

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Color

**YIQ(218.6310, -12.7430,
-16.8630)**

Conversions

Conversions Part 1

Format	Color
Hex	C4E9CC
RGB	196, 233, 204
RGB Percent	77%, 91%, 80%
CMY	0.2315, 0.0862, 0.2000
CMYK	0.16, 0.00, 0.12, 0.09
HSL	133°, 46%, 84%
HSV	133°, 16%, 91%
XYZ	62.7994, 74.3780, 68.1687
YIQ	218.6310, -12.7430, -16.8630

Conversions

Conversions Part 2

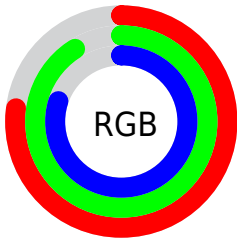
Format	Color
RYB	196, 226, 233
Decimal	12904908
CIELab	89.10, -17.53, 10.11
CIELCh	89, 20.241, 150.024
Yxy	74.3780, 0.3058, 0.3622
Android (android.graphics.Color)	4291094988 (0xFFC4E9CC)
YUV	218.6310, -7.2131, -19.8474
Hunter-Lab	86.2427, -20.9462, 13.5053

Details

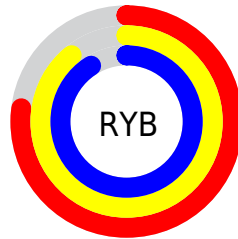
The YIQ color $218.6310, -12.7430, -16.8630$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $210.3690, 12.7430, 16.8630$, and the grayscale version is $219.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $254.4020, -1.1920, -0.4240$, and $163.4570, -12.1930, -15.8170$ is the 20% darker color. If you saturate the color by 10%, you get $209.7020, -20.6730, -27.3370$, and if you desaturate by 10%, it is $227.5600, -4.8130, -6.3890$.

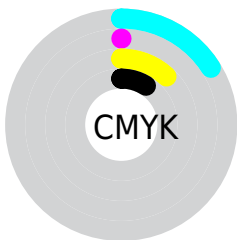
Distribution



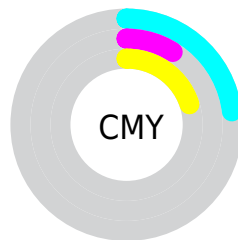
- Red (77%)
- Green (91%)
- Blue (80%)



- Red (77%)
- Yellow (89%)
- Blue (91%)



- Cyan (16%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.6310, -12.7430, -16.8630 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 218.6310, -12.7430, -16.8630 by changing the saturation by 10% instead.

■ 218.6310,
-12.7430, -16.8630

■ 218.6310,
-12.7430, -16.8630

■ 255.0000, -0.0000,
-0.0000

■ 191.0440,
-12.4680, -16.3400

■ 254.4020, -1.1920,
-0.4240

■ 163.4570,
-12.1930, -15.8170

■ 136.8700,
-11.9180, -15.2940

■ 111.8700,
-11.9180, -15.2940

■ 86.6960, -11.3680,
-14.2480

■ 63.1090, -11.0930,
-13.7250

■ 40.9240, -12.0100,

-13.6260

■ 19.1090, -11.0930,
-13.7250

■ 0.0000, 0.0000,
0.0000

■ 218.6310,
-12.7430, -16.8630

■ 218.6310,
-12.7430, -16.8630

■ 209.7020,
-20.6730, -27.3370

■ 227.5600, -4.8130,
-6.3890

■ 200.3600,
-28.8780, -38.3340

■ 236.9020, 3.3920,
4.6080

■ 191.4310,
-36.8080, -48.8080

■ 242.0860, 6.0500,
11.5060

■ 182.5020,
-44.7380, -59.2820

■ 173.2740,
-53.2640, -69.9680

■ 164.2310,
-60.8730, -80.7530

■ 155.3020,
-68.8030, -91.2270

■ 146.3730,
-76.7330, -101.7010

■ 142.4710,
-80.1250, -106.3090

Harmonies

Analogous

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



221.2650, 5.9630, -14.4610



218.6310, -12.7430, -16.8630



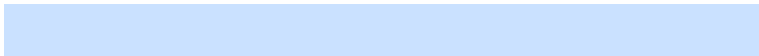
216.8880, -29.5240, -15.6040

Triad

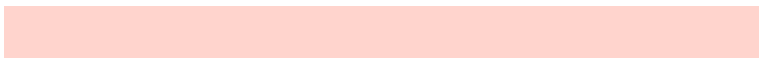
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



218.6310, -12.7430, -16.8630



221.5430, -23.3380, 4.4540



224.0590, 27.8750, 6.9390

Complementary

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



218.6310, -12.7430, -16.8630



210.3690, 12.7430, 16.8630

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.



225.0510, 22.3260, 13.8940



218.6310, -12.7430, -16.8630



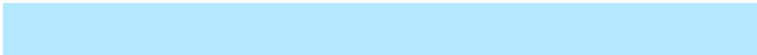
225.7950, -6.1920, 13.1040

Square

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



218.6310, -12.7430, -16.8630



218.7860, -37.5040, -3.1360



227.1840, 11.8260, 16.9620



224.8110, 31.2690, 0.4930

Rectangle

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



218.6310, -12.7430, -16.8630



216.5760, -37.2730, -12.8330



227.1840, 11.8260, 16.9620



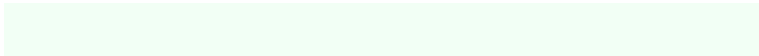
224.1560, 26.2240, 9.3280

Sweetspot

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



218.6310, -12.7430, -16.8630



249.9730, -4.5380, -5.8660



226.6890, 7.7050, -12.9910



124.9240, -2.8420, -3.5620



0.0000, 0.0000, 0.0000



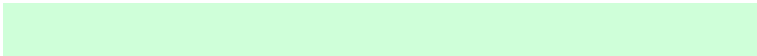
128.0000, -0.0000, -0.0000

Same Dimension

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



218.6310, -12.7430, -16.8630



236.3160, -16.4100, -21.9940



220.6830, -18.5210, -11.2650



112.6850, -3.6670, -5.1310



110.6930, -62.2940, -82.5340



33.0660, -18.7020, -24.5100

Inverse Universe

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



210.3690, 12.7430, 16.8630



225.6840, 16.4100, 21.9940



208.3170, 18.5210, 11.2650



110.3150, 3.6670, 5.1310



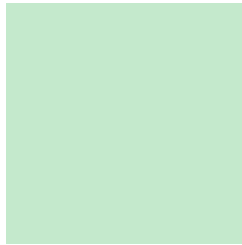
70.3070, 62.2940, 82.5340



20.9340, 18.7020, 24.5100

Previews

White Background



This preview shows how the YIQ color 218.6310, -12.7430, -16.8630 looks on a white background.

Color Contrast Check

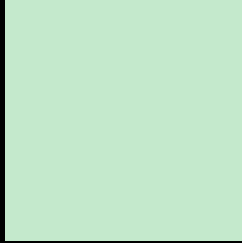
Large Text (above 18pt) WCAG AA × Fail

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 218.6310, -12.7430, -16.8630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

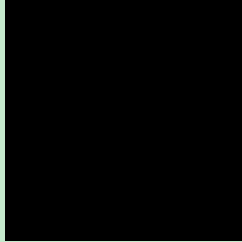
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

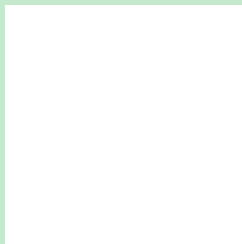
Any Text WCAG AAA ✓ Pass

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

YIQ 218.6310, -12.7430, -16.8630 Background



This preview shows how black text looks on a background with the YIQ color 218.6310, -12.7430, -16.8630.



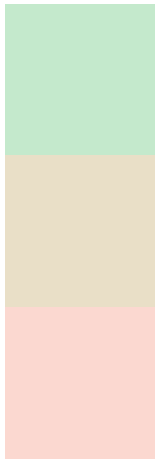
This preview shows how white text looks on a background with the YIQ color 218.6310, -12.7430, -16.8630.

-16.8630.

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

218.6310, -12.7430, -16.8630

Protanopia

223.2540, 13.6640, -5.3440

Deuteranopia

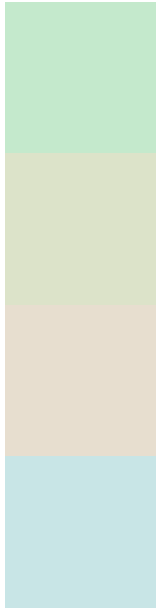
225.5530, 23.4280, 4.9320



Tritanopia

221.8760, -20.0820, 0.5100

Trichromacy



Original Color

218.6310, -12.7430, -16.8630

Protanomaly

221.9430, 4.1740, -9.5700

Deuteranomaly

222.9810, 10.1790, -2.7570

Tritanomaly

220.4430, -17.6050, -5.8370

Monochromacy



Original Color

218.6310, -12.7430, -16.8630

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.9730, -4.5380, -5.8660

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.6310, -12.7430, -16.8630 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(196, 233, 204)` looks like.

```
.text, #text, p{  
    color:rgb(196, 233, 204)  
}
```

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(196, 233, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 233, 204) }
```

Border

The CSS property to change the border of an element to YIQ 218.6310, -12.7430, -16.8630 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(196, 233, 204) }
```


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

```
.border{ border-color:rgb(196, 233, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 233, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 233, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 233, 204); box-shadow:4px 4px 4px 4px rgb(196, 233, 204) }
```

Background

The CSS property to change the background color of an element to YIQ 218.6310, -12.7430, -16.8630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 233, 204) }
```

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

```
.background{ background-color: rgb(196,  
233, 204) }
```

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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