

Converting Colors

YIQ(213.4850, -9.3960,
-16.9480)

Have a look what the booklet for
YIQ(213.4850, -9.3960, -16.9480)
contains.

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Color

**YIQ(213.4850, -9.3960,
-16.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E3C3
RGB	194, 227, 195
RGB Percent	76%, 89%, 76%
CMY	0.2393, 0.1097, 0.2353
CMYK	0.15, 0.00, 0.14, 0.11
HSL	122°, 37%, 83%
HSV	122°, 15%, 89%
XYZ	59.5645, 70.3517, 62.0677
YIQ	213.4850, -9.3960, -16.9480

Conversions

Conversions Part 2

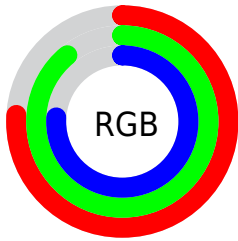
Format	Color
RYB	194, 226, 227
Decimal	12772291
CIELab	87.17, -16.82, 12.05
CIELCh	87, 20.686, 144.383
Yxy	70.3517, 0.3103, 0.3664
Android (android.graphics.Color)	4290962371 (0xFFC2E3C3)
YUV	213.4850, -9.1131, -17.0883
Hunter-Lab	83.8759, -20.0210, 14.8389

Details

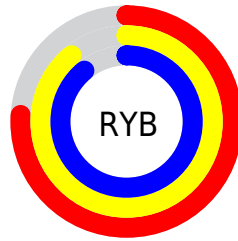
The YIQ color $213.4850, -9.3960, -16.9480$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $207.5150, 9.3960, 16.9480$, and the grayscale version is $214.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.4620, -1.4210, -1.7810$, and $158.8980, -9.1210, -16.4250$ is the 20% darker color. If you saturate the color by 10%, you get $204.1000, -16.0420, -28.6660$, and if you desaturate by 10%, it is $222.8700, -2.7500, -5.2300$.

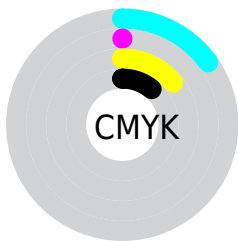
Distribution



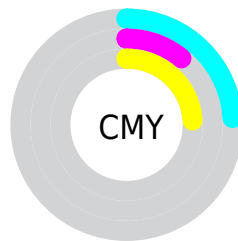
- Red (76%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (14%)
- Black (11%)



- Cyan (24%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.4850, -9.3960, -16.9480 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 213.4850, -9.3960, -16.9480 by changing the saturation by 10% instead.

■ 213.4850, -9.3960,
-16.9480

■ 213.4850, -9.3960,
-16.9480

■ 255.0000, -0.0000,
-0.0000

■ 185.8980, -9.1210,
-16.4250

■ 253.4620, -1.4210,
-1.7810

■ 158.8980, -9.1210,
-16.4250

■ 132.4250, -9.1670,
-15.5910

■ 106.8380, -8.8920,
-15.0680

■ 82.6640, -8.3420,
-14.0220

■ 59.6640, -8.3420,
-14.0220

■ 37.1910, -8.3880,

-13.1880

■ 16.4360, -7.7000,
-14.6440

■ 0.0000, 0.0000,
0.0000

■ 213.4850, -9.3960,
-16.9480

■ 213.4850, -9.3960,
-16.9480

■ 204.1000,
-16.0420, -28.6660

■ 222.8700, -2.7500,
-5.2300

■ 195.0140,
-22.0920, -40.1720

■ 231.9560, 3.3000,
6.2760

■ 185.6290,
-28.7380, -51.8900

■ 238.5640, 7.7000,
14.6440

■ 176.2440,
-35.3840, -63.6080

■ 166.8590,
-42.0300, -75.3260

■ 157.7730,
-48.0800, -86.8320

■ 148.3880,
-54.7260, -98.5500

■ 139.0030,
-61.3720, -110.2680

■ 134.0470,
-64.6720, -116.5440

Harmonies

Analogous

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



215.6460, 9.2640, -13.7120



213.4850, -9.3960, -16.9480



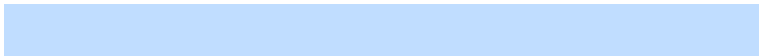
211.7310, -27.6440, -16.6360

Triad

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



213.4850, -9.3960, -16.9480



216.2050, -28.1980, 4.4260



219.7220, 30.4420, 9.9780

Complementary

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



213.4850, -9.3960, -16.9480



207.5150, 9.3960, 16.9480

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.



222.0020, 24.0220, 16.1980



213.4850, -9.3960, -16.9480



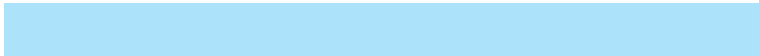
220.0440, -11.3270, 12.5530

Square

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



213.4850, -9.3960, -16.9480



213.1770, -40.1630, -4.5070



221.6290, 9.0750, 17.2590



220.2350, 33.0110, 1.9630

Rectangle

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



213.4850, -9.3960, -16.9480



211.1200, -35.9890, -14.0770



221.6290, 9.0750, 17.2590



220.4060, 28.5160, 11.8440

Sweetspot

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



213.4850, -9.3960, -16.9480



250.8700, -2.7500, -5.2300



222.9390, 9.9970, -10.4750



125.1090, -1.9250, -3.6610



0.0000, 0.0000, 0.0000



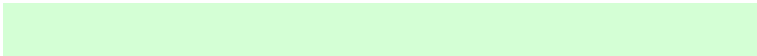
128.0000, -0.0000, -0.0000

Same Dimension

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



213.4850, -9.3960, -16.9480



237.3550, -12.1460, -22.1780



215.3090, -14.5320, -11.9720



110.1580, -3.6210, -5.9650



105.7570, -51.1510, -91.7510



30.1650, -14.6670, -26.0510

Inverse Universe

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



207.5150, 9.3960, 16.9480



229.6450, 12.1460, 22.1780



205.6910, 14.5320, 11.9720



107.8420, 3.6210, 5.9650



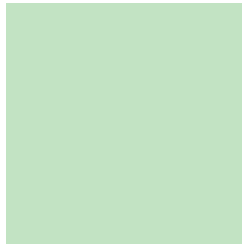
73.2430, 51.1510, 91.7510



20.8350, 14.6670, 26.0510

Previews

White Background



This preview shows how the YIQ color 213.4850, -9.3960, -16.9480 looks on a white background.

Color Contrast Check

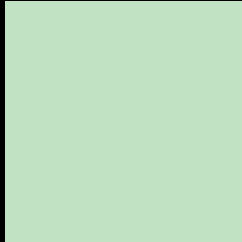
Large Text (above 18pt) WCAG AA × Fail

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 213.4850, -9.3960, -16.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

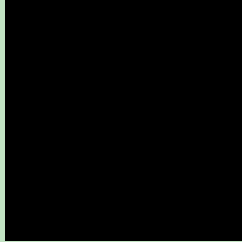
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

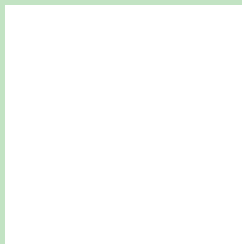
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 213.4850, -9.3960, -16.9480

Background



This preview shows how black text looks on a background with the YIQ color 213.4850, -9.3960, -16.9480.



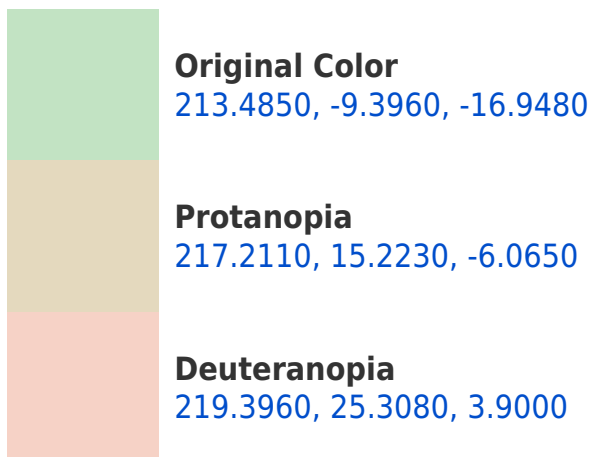
This preview shows how white text looks on a background with the YIQ color 213.4850, -9.3960,

-16.9480.

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

216.9580, -17.3770, 1.0470

Trichromacy



Original Color

213.4850, -9.3960, -16.9480

Protanomaly

216.1990, 6.3290, -10.0790

Deuteranomaly

217.1230, 12.6550, -3.5770

Tritanomaly

215.4110, -14.5790, -5.6110

Monochromacy



Original Color

213.4850, -9.3960, -16.9480

Achromatopsia

213.0000, -0.0000, 0.0000

Achromatomaly

213.0440, -3.3000, -6.2760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.4850, -9.3960, -16.9480 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(194, 227, 195)` looks like.

```
.text, #text, p{  
    color:rgb(194, 227, 195)  
}
```

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(194, 227, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 227, 195) }
```

Border

The CSS property to change the border of an element to YIQ 213.4850, -9.3960, -16.9480 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(194, 227, 195) }
```


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

```
.border{ border-color:rgb(194, 227, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 227, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 227, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 227, 195);  
box-shadow:4px 4px 4px 4px rgb(194, 227,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 213.4850, -9.3960, -16.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 227, 195) }
```

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

```
.background{ background-color: rgb(194,  
227, 195) }
```

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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