

Converting Colors

YIQ(216.4880, -13.4780,
-9.0460)

Have a look what the booklet for
YIQ(216.4880, -13.4780, -9.0460)
contains.

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Color

**YIQ(216.4880, -13.4780,
-9.0460)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E2D8
RGB	198, 226, 216
RGB Percent	78%, 89%, 85%
CMY	0.2236, 0.1137, 0.1530
CMYK	0.12, 0.00, 0.04, 0.11
HSL	159°, 33%, 83%
HSV	159°, 12%, 89%
XYZ	62.8765, 71.3596, 75.4177
YIQ	216.4880, -13.4780, -9.0460

Conversions

Conversions Part 2

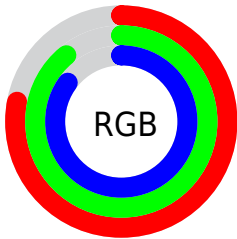
Format	Color
RYB	198, 215, 226
Decimal	13034200
CIELab	87.66, -11.14, 1.77
CIELCh	88, 11.281, 170.993
Yxy	71.3596, 0.2999, 0.3404
Android (android.graphics.Color)	4291224280 (0xFFC6E2D8)
YUV	216.4880, -0.2406, -16.2140
Hunter-Lab	84.4746, -14.9687, 6.1990

Details

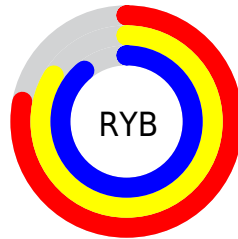
The YIQ color **216.4880, -13.4780, -9.0460** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **207.5120, 13.4780, 9.0460**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.7870, -12.8820, -8.8340** is the 20% darker color. If you saturate the color by 10%, you get **208.6990, -24.6180, -16.4100**, and if you desaturate by 10%, it is **224.2770, -2.3380, -1.6820**.

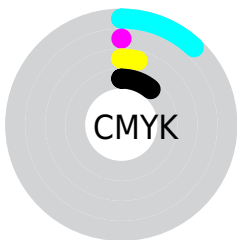
Distribution



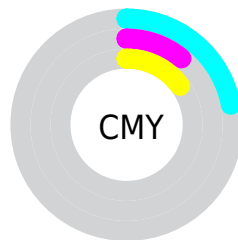
- Red (78%)
- Green (89%)
- Blue (85%)



- Red (78%)
- Yellow (84%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.4880, -13.4780, -9.0460 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 216.4880, -13.4780, -9.0460 by changing the saturation by 10% instead.

■ 216.4880,
-13.4780, -9.0460

■ 216.4880,
-13.4780, -9.0460

255.0000, -0.0000,
-0.0000

■ 188.7870,
-12.8820, -8.8340

■ 161.7870,
-12.8820, -8.8340

■ 135.2000,
-12.6070, -8.3110

■ 109.6130,
-12.3320, -7.7880

■ 85.4990, -12.0110,
-8.0990

■ 61.9120, -11.7360,
-7.5760

■ 40.2110, -11.1400,

-7.3640

■ 18.4280, -13.2490,
-7.6890

■ 0.0000, 0.0000,
0.0000

■ 216.4880,
-13.4780, -9.0460

■ 216.4880,
-13.4780, -9.0460

■ 208.6990,
-24.6180, -16.4100

■ 224.2770, -2.3380,
-1.6820

■ 201.2090,
-35.1620, -23.5620

■ 231.7670, 8.2060,
5.4700

■ 193.4200,
-46.3020, -30.9260

■ 236.2670, 12.7900,
10.5020

■ 185.9300,
-56.8460, -38.0780

■ 237.1790, 10.2220,
12.9900

■ 178.1410,
-67.9860, -45.4420

■ 237.9770, 7.9750,
15.1670

■ 170.2380,
-78.8050, -53.1170

■ 162.7480,
-89.3490, -60.2690

■ 154.9590,
-100.4890, -67.6330

■ 149.1920,
-108.6950, -73.1030

Harmonies

Analogous

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



217.1640, -3.7580, -8.9900



216.4880, -13.4780, -9.0460



216.2470, -19.9890, -6.6850

Triad

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



216.4880, -13.4780, -9.0460



220.5080, -7.0620, 6.8420



221.1070, 18.7520, 1.5680

Complementary

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



216.4880, -13.4780, -9.0460



207.5120, 13.4780, 9.0460

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.



221.8560, 18.2010, 6.0490



216.4880, -13.4780, -9.0460



221.8360, 3.7580, 8.9900

Square

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



216.4880, -13.4780, -9.0460



219.0830, -16.2310, 2.3050



222.2130, 12.8820, 8.8340



220.0200, 14.4430, -2.9410

Rectangle

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



216.4880, -13.4780, -9.0460



216.6430, -21.0440, -4.0840



222.2130, 12.8820, 8.8340



221.4600, 19.2560, 3.4480

Sweetspot

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



216.4880, -13.4780, -9.0460



251.5540, -4.6760, -3.3640



217.4260, -1.7400, -12.5240



125.5650, -3.2090, -2.4170



0.0000, 0.0000, 0.0000



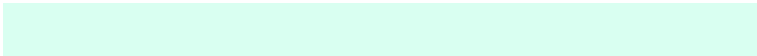
128.0000, -0.0000, -0.0000

Same Dimension

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



216.4880, -13.4780, -9.0460



242.0420, -18.1540, -12.4100



215.2800, -15.5880, -3.8440



108.2550, -5.2720, -3.5760



116.1940, -84.6730, -56.9050



31.7100, -23.1510, -15.4630

Inverse Universe

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



207.5120, 13.4780, 9.0460



229.8440, 18.4750, 12.0990



208.7200, 15.5880, 3.8440



104.7450, 5.2720, 3.5760



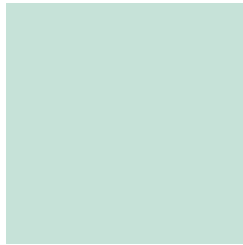
59.8060, 84.6730, 56.9050



16.2900, 23.1510, 15.4630

Previews

White Background



This preview shows how the YIQ color 216.4880, -13.4780, -9.0460 looks on a white background.

Color Contrast Check

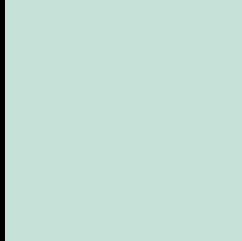
Large Text (above 18pt) WCAG AA × Fail

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 216.4880, -13.4780, -9.0460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

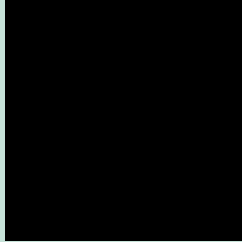
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

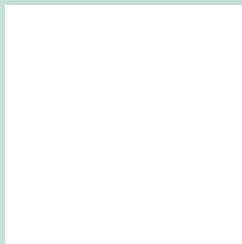
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 216.4880, -13.4780, -9.0460

Background



This preview shows how black text looks on a background with the YIQ color 216.4880, -13.4780, -9.0460.



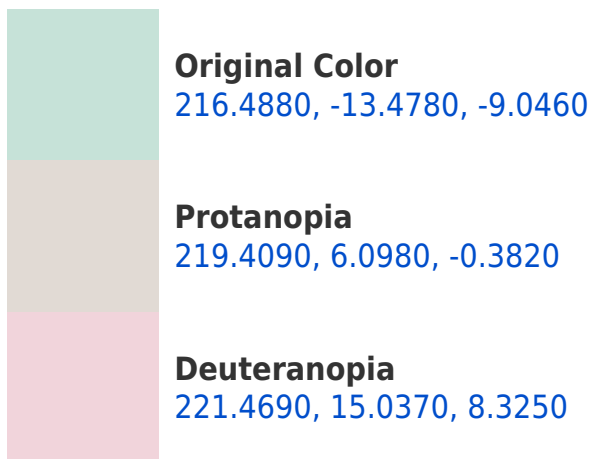
This preview shows how white text looks on a background with the YIQ color 216.4880, -13.4780, -9.0460.

-9.0460.

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

218.0720, -17.6980, 1.3580

Trichromacy



Original Color

216.4880, -13.4780, -9.0460

Protanomaly

218.2940, -1.0080, -3.7600

Deuteranomaly

219.5060, 4.4470, 2.0070

Tritanomaly

217.3340, -15.6800, -2.1760

Monochromacy



Original Color

216.4880, -13.4780, -9.0460

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

216.2550, -5.2720, -3.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.4880, -13.4780, -9.0460 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(198, 226, 216)` looks like.

```
.text, #text, p{  
    color:rgb(198, 226, 216)  
}
```

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(198, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 226, 216) }
```

Border

The CSS property to change the border of an element to YIQ 216.4880, -13.4780, -9.0460 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(198, 226, 216) }
```


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

```
.border{ border-color:rgb(198, 226, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 226, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(198, 226,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 216.4880, -13.4780, -9.0460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 226, 216) }
```

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

```
.background{ background-color: rgb(198,  
226, 216) }
```

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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