

Converting Colors

YIQ(210.4780, -16.6860,
-16.9900)

Have a look what the booklet for
YIQ(210.4780, -16.6860, -16.9900)
contains.

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Color

**YIQ(210.4780, -16.6860,
-16.9900)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E2C8
RGB	184, 226, 200
RGB Percent	72%, 89%, 78%
CMY	0.2785, 0.1136, 0.2157
CMYK	0.19, 0.00, 0.12, 0.11
HSL	143°, 42%, 80%
HSV	143°, 19%, 89%
XYZ	57.3852, 68.7585, 64.8836
YIQ	210.4780, -16.6860, -16.9900

Conversions

Conversions Part 2

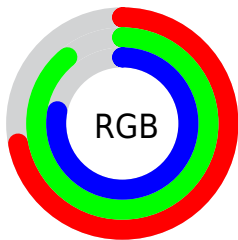
Format	Color
RYB	184, 214, 226
Decimal	12116680
CIELab	86.38, -18.72, 8.22
CIELCh	86, 20.444, 156.283
Yxy	68.7585, 0.3004, 0.3599
Android (android.graphics.Color)	4290306760 (0xFFB8E2C8)
YUV	210.4780, -5.1657, -23.2212
Hunter-Lab	82.9208, -21.5808, 11.6515

Details

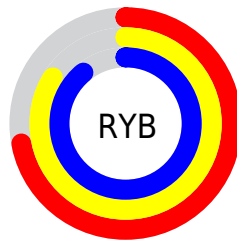
The YIQ color **210.4780, -16.6860, -16.9900** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **199.5220, 16.6860, 16.9900**, and the grayscale version is **211.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **250.5150, -8.9400, -3.1800**, and **155.8910, -16.4110, -16.4670** is the 20% darker color. If you saturate the color by 10%, you get **202.0050, -25.9000, -26.2200**, and if you desaturate by 10%, it is **218.9510, -7.4720, -7.7600**.

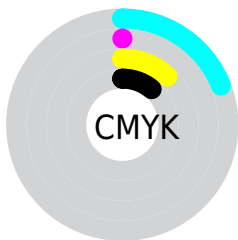
Distribution



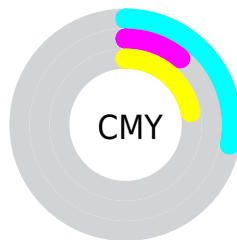
- Red (72%)
- Green (89%)
- Blue (78%)



- Red (72%)
- Yellow (84%)
- Blue (89%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)





- Cyan (28%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 210.4780, -16.6860, -16.9900 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 210.4780, -16.6860, -16.9900 by changing the saturation by 10% instead.


 210.4780,
-16.6860, -16.9900


 210.4780,
-16.6860, -16.9900


255.0000, -0.0000,
-0.0000


 182.8910,
-16.4110, -16.4670


 250.5150, -8.9400,
-3.1800

 155.8910,
-16.4110, -16.4670

 129.6030,
-15.5400, -15.7320

 104.1300,
-15.5860, -14.8980

 79.5430, -15.3110,
-14.3750

 56.5430, -15.3110,
-14.3750

 33.4720, -16.5490,

-13.9650

■ 16.0770, -8.0670,
-13.4990

■ 0.0000, 0.0000,
0.0000

■ 210.4780,
-16.6860, -16.9900

■ 210.4780,
-16.6860, -16.9900

■ 202.0050,
-25.9000, -26.2200

■ 218.9510, -7.4720,
-7.7600

■ 193.8310,
-34.5180, -35.2380

■ 227.1250, 1.1460,
1.2580

■ 185.3580,
-43.7320, -44.4680

■ 235.5980, 10.3600,
10.4880

■ 177.1840,
-52.3500, -53.4860

■ 237.9770, 7.9750,
15.1670

■ 168.7110,
-61.5640, -62.7160

■ 160.2380,
-70.7780, -71.9460

■ 152.0640,
-79.3960, -80.9640

■ 143.5910,
-88.6100, -90.1940

■ 142.4660,
-89.7560, -91.4520

Harmonies

Analogous

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



212.6990, 1.7450, -15.1110



210.4780, -16.6860, -16.9900



209.1480, -33.1920, -15.2080

Triad

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



210.4780, -16.6860, -16.9900



215.5480, -21.7340, 8.4260



218.6960, 33.3310, 7.1790

Complementary

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



210.4780, -16.6860, -16.9900



199.5220, 16.6860, 16.9900

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.



219.6880, 27.7820, 14.1340



210.4780, -16.6860, -16.9900



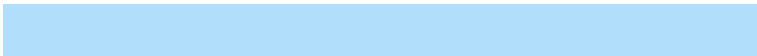
218.7030, -2.9370, 14.6870

Square

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



210.4780, -16.6860, -16.9900



211.8510, -36.1290, -0.5210



220.0380, 15.1730, 16.8770



217.1590, 30.1690, -1.5990

Rectangle

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



210.4780, -16.6860, -16.9900



209.1460, -38.8780, -11.2780



220.0380, 15.1730, 16.8770



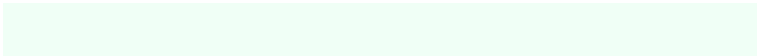
218.7930, 31.6800, 9.5680

Sweetspot

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



210.4780, -16.6860, -16.9900



249.4890, -6.0510, -5.9790



216.7270, 4.5420, -16.2420



124.6250, -3.4380, -3.7740



0.0000, 0.0000, 0.0000



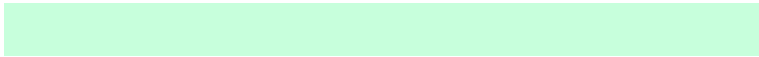
128.0000, -0.0000, -0.0000

Same Dimension

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



210.4780, -16.6860, -16.9900



234.2660, -22.1410, -22.7570



212.7580, -23.1060, -10.7700



107.9130, -4.3090, -4.5090



110.9500, -69.9070, -71.2110



30.2280, -18.9780, -19.5060

Inverse Universe

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



199.5220, 16.6860, 16.9900



219.7340, 22.1410, 22.7570



197.2420, 23.1060, 10.7700



105.0870, 4.3090, 4.5090



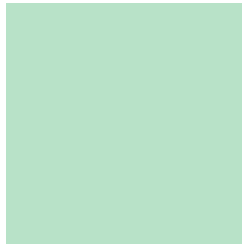
65.0500, 69.9070, 71.2110



17.7720, 18.9780, 19.5060

Previews

White Background



This preview shows how the YIQ color 210.4780, -16.6860, -16.9900 looks on a white background.

Color Contrast Check

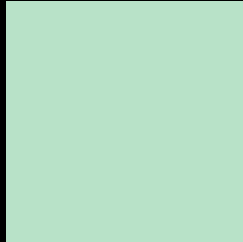
Large Text (above 18pt) WCAG AA × Fail

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 210.4780, -16.6860, -16.9900 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

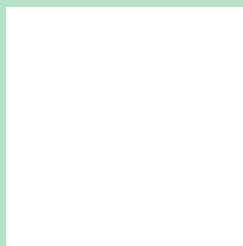
Any Text WCAG AAA ✓ Pass

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

YIQ 210.4780, -16.6860, -16.9900 Background



This preview shows how black text looks on a background with the YIQ color 210.4780, -16.6860, -16.9900.



This preview shows how white text looks on a background with the YIQ color 210.4780, -16.6860, -16.9900.

-16.9900.

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

210.4780, -16.6860, -16.9900

Protanopia

215.2970, 12.1050, -4.6230

Deuteranopia

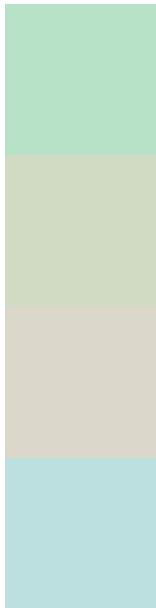
217.4110, 20.9520, 5.7520



Tritanopia

213.9680, -23.3370, -1.0730

Trichromacy



Original Color

210.4780, -16.6860, -16.9900

Protanomaly

213.3880, 1.4230, -9.2730

Deuteranomaly

215.1270, 6.8320, -2.6720

Tritanomaly

212.6490, -21.1810, -7.1090

Monochromacy



Original Color

210.4780, -16.6860, -16.9900

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.3750, -5.7300, -6.2900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.4780, -16.6860, -16.9900 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(184, 226, 200)` looks like.

```
.text, #text, p{  
    color:rgb(184, 226, 200)  
}
```

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(184, 226, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 226, 200) }
```

Border

The CSS property to change the border of an element to YIQ 210.4780, -16.6860, -16.9900 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(184, 226, 200) }
```


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

```
.border{ border-color:rgb(184, 226, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 226, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 226, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 226, 200); box-shadow:4px 4px 4px 4px rgb(184, 226, 200) }
```

Background

The CSS property to change the background color of an element to YIQ 210.4780, -16.6860, -16.9900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 226, 200) }
```

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

```
.background{ background-color: rgb(184,  
226, 200) }
```

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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