

Converting Colors

YIQ(186.8020, -17.2380,
-6.9820)

Have a look what the booklet for
YIQ(186.8020, -17.2380, -6.9820)
contains.

YIQ(186.8020, -17.2380, -6.9820)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(186.8020, -17.2380,
-6.9820)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C4C2
RGB	166, 196, 194
RGB Percent	65%, 77%, 76%
CMY	0.3491, 0.2313, 0.2393
CMYK	0.15, 0.00, 0.01, 0.23
HSL	176°, 20%, 71%
HSV	176°, 15%, 77%
XYZ	45.2005, 51.4848, 58.5841
YIQ	186.8020, -17.2380, -6.9820

Conversions

Conversions Part 2

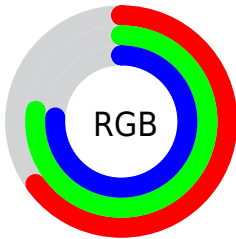
Format	Color
RYB	166, 182, 196
Decimal	10929346
CIELab	76.97, -10.46, -2.37
CIELCh	77, 10.730, 192.773
Yxy	51.4848, 0.2911, 0.3316
Android (android.graphics.Color)	4289119426 (0xFFA6C4C2)
YUV	186.8020, 3.5486, -18.2434
Hunter-Lab	71.7529, -13.1222, 1.8185

Details

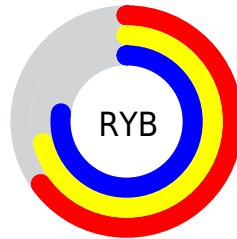
The YIQ color **186.8020, -17.2380, -6.9820** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **175.1980, 17.2380, 6.9820**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.0900, -18.1090, -7.7170**, and **133.4000, -16.0460, -6.5580** is the 20% darker color. If you saturate the color by 10%, you get **180.7080, -28.8370, -11.5330**, and if you desaturate by 10%, it is **192.8960, -5.6390, -2.4310**.

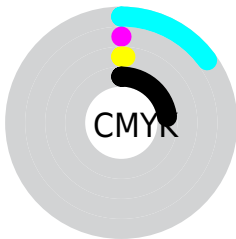
Distribution



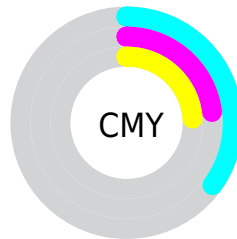
- Red (65%)
- Green (77%)
- Blue (76%)



- Red (65%)
- Yellow (71%)
- Blue (77%)



- Cyan (15%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)



- Cyan (35%)
- Magenta (23%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.8020, -17.2380, -6.9820 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 186.8020, -17.2380, -6.9820 by changing the saturation by 10% instead.

■ 186.8020,
-17.2380, -6.9820

■ 186.8020,
-17.2380, -6.9820

■ 255.0000, -0.0000,
-0.0000

■ 159.8020,
-17.2380, -6.9820

■ 243.0900,
-18.1090, -7.7170

■ 133.4000,
-16.0460, -6.5580

■ 253.5050, -2.9800,
-1.0600

■ 108.4000,
-16.0460, -6.5580

■ 83.6990, -15.4500,
-6.3460

■ 60.1120, -15.1750,
-5.8230

■ 38.1120, -15.1750,
-5.8230

■ 17.9980, -14.8540,

-6.1340

■ 0.0000, 0.0000,
0.0000

■ 186.8020,
-17.2380, -6.9820

■ 186.8020,
-17.2380, -6.9820

■ 180.7080,
-28.8370, -11.5330

■ 192.8960, -5.6390,
-2.4310

■ 174.7990,
-39.5190, -16.1830

■ 198.8050, 5.0430,
2.2190

■ 168.7050,
-51.1180, -20.7340

■ 204.8990, 16.6420,
6.7700

■ 162.9100,
-62.1210, -25.0730

■ 210.6940, 27.6450,
11.1090

■ 156.7020,
-73.3990, -29.9350

■ 214.2110, 33.5590,
14.0630

■ 150.6080,
-84.9980, -34.4860

■ 214.3250, 33.2380,
14.3740

■ 144.8130,
-96.0010, -38.8250

■ 214.4390, 32.9170,
14.6850

■ 138.6050,
-107.2790, -43.6870

■ 214.6670, 32.2750,
15.3070

■ 135.9140,
-112.6430, -45.5950

■ 214.7810, 31.9540,
15.6180

Harmonies

Analogous

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



187.4560, -10.4520, -8.8200



186.8020, -17.2380, -6.9820



187.2410, -19.8520, -3.6600

Triad

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



186.8020, -17.2380, -6.9820



191.4550, 0.4570, 8.2410



190.2590, 15.2680, -1.3720

Complementary

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



186.8020, -17.2380, -6.9820



175.1980, 17.2380, 6.9820

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.



191.5630, 17.4680, 2.8120



186.8020, -17.2380, -6.9820



192.2450, 9.8560, 8.6080

Square

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



186.8020, -17.2380, -6.9820



190.0840, -8.8040, 5.3720



191.7140, 15.7250, 6.8690



189.6170, 8.2080, -5.5840

Rectangle

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



186.8020, -17.2380, -6.9820



188.3060, -18.4770, -1.0450



191.7140, 15.7250, 6.8690



190.7970, 16.6890, 0.4090

Sweetspot

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



186.8020, -17.2380, -6.9820



250.9990, -7.4270, -3.0670



184.2080, -7.0580, -15.2660



125.4940, -4.4470, -2.0070



0.0000, 0.0000, 0.0000



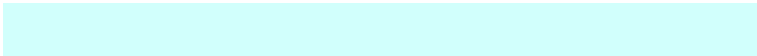
128.0000, -0.0000, -0.0000

Same Dimension

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



186.8020, -17.2380, -6.9820



240.9040, -26.4530, -10.6850



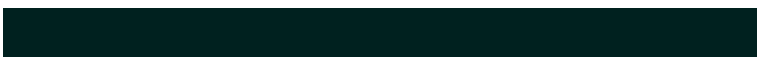
179.9860, -14.5800, -0.0840



93.8960, -5.6390, -2.4310



111.6070, -92.4250, -37.5530



22.9050, -19.0260, -7.6180

Inverse Universe

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



175.1980, 17.2380, 6.9820



223.0960, 26.4530, 10.6850



182.0140, 14.5800, 0.0840



90.1040, 5.6390, 2.4310



49.3930, 92.4250, 37.5530



10.0950, 19.0260, 7.6180

Previews

White Background



This preview shows how the YIQ color 186.8020, -17.2380, -6.9820 looks on a white background.

Color Contrast Check

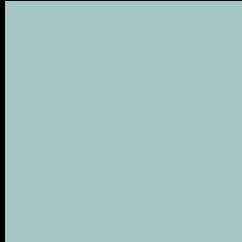
Large Text (above 18pt) WCAG AA × Fail

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 186.8020, -17.2380, -6.9820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

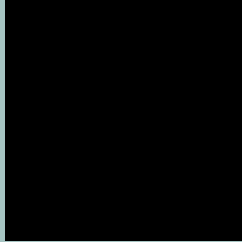
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.8020, -17.2380, -6.9820

Background



This preview shows how black text looks on a background with the YIQ color 186.8020, -17.2380, -6.9820.



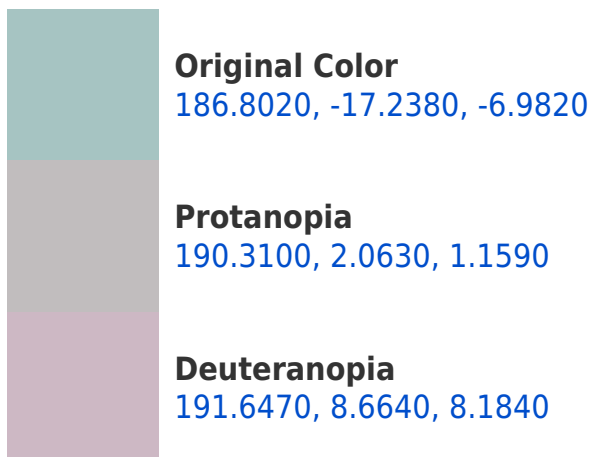
This preview shows how white text looks on a background with the YIQ color 186.8020, -17.2380, -6.9820.

-6.9820.

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

188.2350, -19.7150, -0.6350

Trichromacy



Original Color

186.8020, -17.2380, -6.9820

Protanomaly

189.1950, -5.0430, -2.2190

Deuteranomaly

189.6950, -0.4590, 2.8130

Tritanomaly

187.9530, -18.9810, -2.9250

Monochromacy



Original Color

186.8020, -17.2380, -6.9820

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.7110, -6.5560, -2.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.8020, -17.2380, -6.9820 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(166, 196, 194)` looks like.

```
.text, #text, p{  
    color:rgb(166, 196, 194)  
}
```

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(166, 196, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 196, 194) }
```

Border

The CSS property to change the border of an element to YIQ 186.8020, -17.2380, -6.9820 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(166, 196, 194) }
```


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

```
.border{ border-color:rgb(166, 196, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 196, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 196, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 196, 194);  
box-shadow:4px 4px 4px 4px rgb(166, 196,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 186.8020, -17.2380, -6.9820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 196, 194) }
```

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

```
.background{ background-color: rgb(166,  
196, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor