

Converting Colors

YIQ(186.9990, 9.7680, -11.8320)

Have a look what the booklet for
YIQ(186.9990, 9.7680, -11.8320)
contains.

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Color

**YIQ(186.9990, 9.7680,
-11.8320)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC09C
RGB	189, 192, 156
RGB Percent	74%, 75%, 61%
CMY	0.2589, 0.2470, 0.3882
CMYK	0.02, 0.00, 0.19, 0.25
HSL	65°, 22%, 68%
HSV	65°, 19%, 75%
XYZ	45.8365, 50.9185, 38.8725
YIQ	186.9990, 9.7680, -11.8320

Conversions

Conversions Part 2

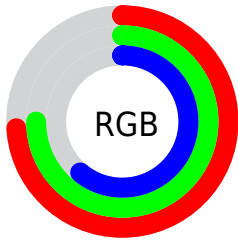
Format	Color
RYB	156, 192, 159
Decimal	12435612
CIELab	76.63, -7.17, 17.83
CIELCh	77, 19.213, 111.906
Yxy	50.9185, 0.3380, 0.3754
Android (android.graphics.Color)	4290625692 (0xFFBDC09C)
YUV	186.9990, -15.2825, 1.7549
Hunter-Lab	71.3572, -10.2152, 17.6513

Details

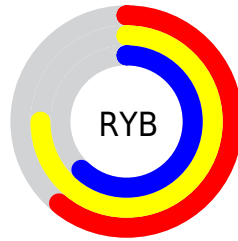
The YIQ color **186.9990, 9.7680, -11.8320** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **161.0010, -9.7680, 11.8320**, and the grayscale version is **187.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **242.8850, 10.0890, -12.1430**, and **133.9280, 8.5300, -11.4220** is the 20% darker color. If you saturate the color by 10%, you get **184.2350, 14.6750, -18.1650**, and if you desaturate by 10%, it is **189.7630, 4.8610, -5.4990**.

Distribution



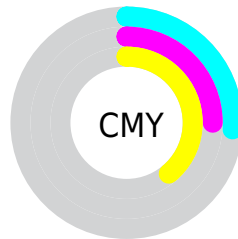
- Red (74%)
- Green (75%)
- Blue (61%)



- Red (61%)
- Yellow (75%)
- Blue (62%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)



- Cyan (26%)
- Magenta (25%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.9990, 9.7680, -11.8320 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 186.9990, 9.7680, -11.8320 by changing the saturation by 10% instead.

■ 186.9990, 9.7680,
-11.8320

■ 186.9990, 9.7680,
-11.8320

255.0000, -0.0000,
-0.0000

■ 160.1130, 9.4470,
-11.5210

■ 242.8850, 10.0890,
-12.1430

■ 133.9280, 8.5300,
-11.4220

■ 253.1760, 5.1360,
-4.9760

■ 108.3410, 8.8050,
-10.8990

■ 84.1560, 7.8880,
-10.8000

■ 60.6830, 7.8420,
-9.9660

■ 38.4980, 6.9250,
-9.8670

■ 18.5840, 3.8070,

-8.4250

■ 0.0000, 0.0000,
0.0000

■ 186.9990, 9.7680,
-11.8320

■ 186.9990, 9.7680,
-11.8320

■ 184.2350, 14.6750,
-18.1650

■ 189.7630, 4.8610,
-5.4990

■ 181.7700, 20.1780,
-24.2860

■ 192.2280, -0.6420,
0.6220

■ 178.8920, 25.4060,
-30.9300

■ 195.1060, -5.8700,
7.2660

■ 176.4270, 30.9090,
-37.0510

■ 197.5710,
-11.3730, 13.3870

■ 173.6630, 35.8160,
-43.3840

■ 200.3350,
-16.2800, 19.7200

■ 170.8990, 40.7230,
-49.7170

■ 201.2750,
-16.0510, 21.0770

■ 168.4340, 46.2260,
-55.8380

■ 201.5740,
-15.4550, 21.2890

■ 165.5560, 51.4540,
-62.4820

■ 202.1720,
-14.2630, 21.7130

■ 165.3280, 52.0960,
-63.1040

■ 202.4710,
-13.6670, 21.9250

Harmonies

Analogous

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



188.9300, 23.3840, -5.2880



186.9990, 9.7680, -11.8320



185.2080, -7.0580, -15.2660

Triad

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



186.9990, 9.7680, -11.8320



183.9170, -36.4950, -4.9030



192.5070, 21.0420, 15.1380

Complementary

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



186.9990, 9.7680, -11.8320



161.0010, -9.7680, 11.8320

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.



192.4930, 6.4620, 15.0540



186.9990, 9.7680, -11.8320



186.9770, -27.5560, 3.8040

Square

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



186.9990, 9.7680, -11.8320



182.2990, -34.9350, -11.1510



190.1040, -11.5560, 11.1960



191.9500, 29.8000, 10.6000

Rectangle

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



186.9990, 9.7680, -11.8320



183.6350, -18.5660, -15.9580



190.1040, -11.5560, 11.1960



192.5820, 16.4570, 15.6330

Sweetspot

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



186.9990, 9.7680, -11.8320



247.9910, 4.2190, -4.8770



168.5250, 20.6310, 6.0630



123.6750, 2.2930, -3.0110



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



186.9990, 9.7680, -11.8320



242.2350, 14.6750, -18.1650



181.6170, -0.9600, -15.6480



95.5610, 2.6140, -3.3220



138.4600, 43.3370, -53.0390



28.3410, 8.8050, -10.8990

Inverse Universe

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



161.0010, -9.7680, 11.8320



202.7650, -14.6750, 18.1650



166.3830, 0.9600, 15.6480



88.4390, -2.6140, 3.3220



22.2410, -43.9330, 52.8270



4.6590, -8.8050, 10.8990

Previews

White Background



This preview shows how the YIQ color 186.9990, 9.7680, -11.8320 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 186.9990, 9.7680, -11.8320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

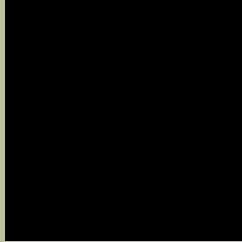
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

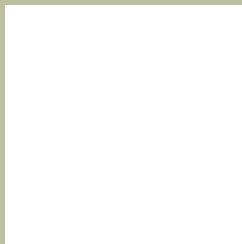
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 186.9990, 9.7680, -11.8320

Background



This preview shows how black text looks on a background with the YIQ color 186.9990, 9.7680, -11.8320.



This preview shows how white text looks on a background with the YIQ color 186.9990, 9.7680,

-11.8320.

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

186.9990, 9.7680, -11.8320

Protanopia

188.2990, 17.7910, -8.5530

Deuteranopia

190.0280, 29.1600, 0.1680



Tritanopia

190.4010, 0.5490, 6.5730

Trichromacy



Original Color

186.9990, 9.7680, -11.8320

Protanomaly

187.8040, 14.8110, -9.6130

Deuteranomaly

188.9730, 21.8250, -4.5670

Tritanomaly

189.1530, 3.9430, 0.1270

Monochromacy



Original Color

186.9990, 9.7680, -11.8320

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

187.2190, 3.5770, -4.2550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.9990, 9.7680, -11.8320 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(189, 192, 156)` looks like.

```
.text, #text, p{  
    color:rgb(189, 192, 156)  
}
```

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(189, 192, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 192, 156) }
```

Border

The CSS property to change the border of an element to YIQ 186.9990, 9.7680, -11.8320 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(189, 192, 156) }
```


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

```
.border{ border-color:rgb(189, 192, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 192, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 192, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 192, 156);  
box-shadow:4px 4px 4px 4px rgb(189, 192,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 186.9990, 9.7680, -11.8320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 192, 156) }
```

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

```
.background{ background-color: rgb(189,  
192, 156) }
```

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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