

Converting Colors

YIQ(180.7680, -2.7030,
-11.5910)

Have a look what the booklet for
YIQ(180.7680, -2.7030, -11.5910)
contains.

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Color

**YIQ(180.7680, -2.7030,
-11.5910)**

Conversions

Conversions Part 1

Format	Color
Hex	ABBDA4
RGB	171, 189, 164
RGB Percent	67%, 74%, 64%
CMY	0.3295, 0.2588, 0.3568
CMYK	0.10, 0.00, 0.13, 0.26
HSL	103°, 16%, 69%
HSV	103°, 13%, 74%
XYZ	41.6916, 47.7351, 42.1394
YIQ	180.7680, -2.7030, -11.5910

Conversions

Conversions Part 2

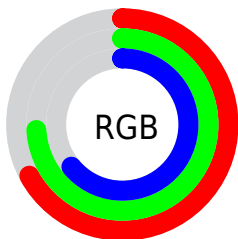
Format	Color
RYB	164, 189, 182
Decimal	11255204
CIELab	74.66, -10.86, 10.56
CIELCh	75, 15.147, 135.815
Yxy	47.7351, 0.3169, 0.3628
Android (android.graphics.Color)	4289445284 (0xFFABBDA4)
YUV	180.7680, -8.2666, -8.5665
Hunter-Lab	69.0906, -13.1956, 12.2015

Details

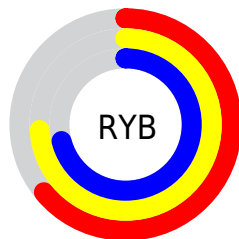
The YIQ color **180.7680, -2.7030, -11.5910** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **172.2320, 2.7030, 11.5910**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3550, -2.9780, -12.1140**, and **128.1810, -2.4280, -11.0680** is the 20% darker color. If you saturate the color by 10%, you get **174.4160, -4.9480, -20.4680**, and if you desaturate by 10%, it is **187.1200, -0.4580, -2.7140**.

Distribution



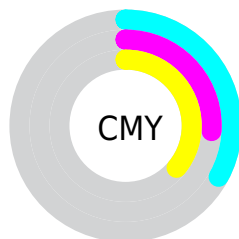
- Red (67%)
- Green (74%)
- Blue (64%)



- Red (64%)
- Yellow (74%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (26%)





- Cyan (33%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.7680, -2.7030, -11.5910 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 180.7680, -2.7030, -11.5910 by changing the saturation by 10% instead.


 180.7680, -2.7030,
-11.5910


 180.7680, -2.7030,
-11.5910


255.0000, -0.0000,
-0.0000


 153.8820, -3.0240,
-11.2800


 236.3550, -2.9780,
-12.1140


 128.1810, -2.4280,
-11.0680

 254.0880, 2.5680,
-2.4880

 102.7080, -2.4740,
-10.2340

 78.7080, -2.4740,
-10.2340

 55.8220, -2.7950,
-9.9230

 34.3490, -2.8410,
-9.0890

 12.3270, -5.7750,

-10.9830

■ 0.0000, 0.0000,
0.0000

■ 180.7680, -2.7030,
-11.5910

■ 180.7680, -2.7030,
-11.5910

■ 174.4160, -4.9480,
-20.4680

■ 187.1200, -0.4580,
-2.7140

■ 168.3630, -6.5970,
-29.1330

■ 193.1730, 1.1910,
5.9510

■ 162.0110, -8.8420,
-38.0100

■ 199.5250, 3.4360,
14.8280

■ 155.6590,
-11.0870, -46.8870

■ 205.5780, 5.0850,
23.4930

■ 149.6060,
-12.7360, -55.5520

■ 211.4740, 8.6140,
31.1260

■ 143.3680,
-15.3020, -64.1180

■ 215.6600, 16.9580,
34.0940

■ 137.3150,
-16.9510, -72.7830

■ 216.2580, 18.1500,
34.5180

■ 130.9630,
-19.1960, -81.6600

■ 126.7900,
-20.3870, -87.6110

Harmonies

Analogous

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



182.4060, 10.1800, -8.2840



180.7680, -2.7030, -11.5910



179.1240, -15.4490, -11.8730

Triad

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



180.7680, -2.7030, -11.5910



181.8480, -22.8790, 1.6410



186.0030, 22.2810, 9.2010

Complementary

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



180.7680, -2.7030, -11.5910



172.2320, 2.7030, 11.5910

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.



186.6910, 14.5320, 11.9720



180.7680, -2.7030, -11.5910



183.9960, -11.3720, 7.8600

Square

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



180.7680, -2.7030, -11.5910



179.5220, -28.0130, -4.4370



185.9330, 2.1070, 11.3790



185.0970, 24.7120, 3.6880

Rectangle

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



180.7680, -2.7030, -11.5910



178.7580, -23.1060, -10.7700



185.9330, 2.1070, 11.3790



186.1600, 20.4010, 10.2330

Sweetspot

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



180.7680, -2.7030, -11.5910



241.7670, -0.9620, -4.5940



182.0410, 9.9500, -4.1140



120.1200, -0.4580, -2.7140



250.0000, 0.0000, 0.0000



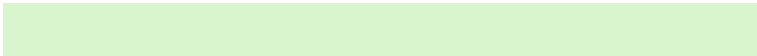
122.0000, 0.0000, -0.0000

Same Dimension

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



180.7680, -2.7030, -11.5910



232.1820, -4.1690, -18.0650



179.2450, -8.4800, -11.5200



91.1800, -0.6870, -4.0710



105.9020, -17.2260, -73.3060



20.8880, -3.1610, -14.3050

Inverse Universe

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



172.2320, 2.7030, 11.5910



218.8180, 4.1690, 18.0650



173.7550, 8.4800, 11.5200



88.1190, 1.2830, 4.2830



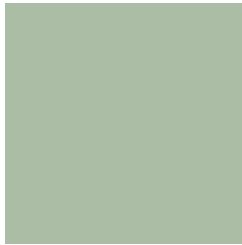
52.0980, 17.2260, 73.3060



10.1120, 3.1610, 14.3050

Previews

White Background



This preview shows how the YIQ color 180.7680, -2.7030, -11.5910 looks on a white background.

Color Contrast Check

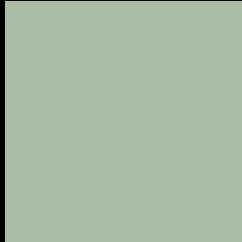
Large Text (above 18pt) WCAG AA × Fail

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 180.7680, -2.7030, -11.5910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

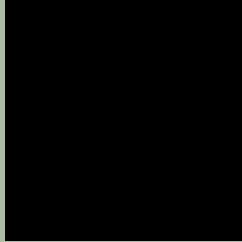
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

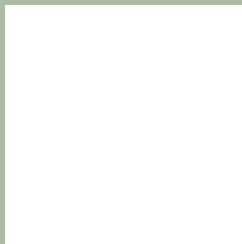
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 180.7680, -2.7030, -11.5910

Background



This preview shows how black text looks on a background with the YIQ color 180.7680, -2.7030, -11.5910.



This preview shows how white text looks on a background with the YIQ color 180.7680, -2.7030,

-11.5910.

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

180.7680, -2.7030, -11.5910

Protanopia

183.1830, 12.4260, -4.9340

Deuteranopia

184.7160, 21.4110, 2.9390



Tritanopia

183.3180, -9.5830, 2.9690

Trichromacy



Original Color

180.7680, -2.7030, -11.5910

Protanomaly

182.0790, 6.7870, -7.3650

Deuteranomaly

183.0630, 12.8840, -2.2200

Tritanomaly

182.4120, -7.1520, -2.5440

Monochromacy



Original Color

180.7680, -2.7030, -11.5910

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.8810, -1.2830, -4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.7680, -2.7030, -11.5910 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(171, 189, 164)` looks like.

```
.text, #text, p{  
    color:rgb(171, 189, 164)  
}
```

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(171, 189, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 189, 164) }
```

Border

The CSS property to change the border of an element to YIQ 180.7680, -2.7030, -11.5910 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(171, 189, 164) }
```


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

```
.border{ border-color:rgb(171, 189, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 189, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 189, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 189, 164);  
box-shadow:4px 4px 4px 4px rgb(171, 189,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 180.7680, -2.7030, -11.5910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 189, 164) }
```

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

```
.background{ background-color: rgb(171,  
189, 164) }
```

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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