

Converting Colors

YIQ(176.0680, 23.6560, 11.8160)

Have a look what the booklet for
YIQ(176.0680, 23.6560, 11.8160)
contains.

YIQ(176.0680, 23.6560, 11.8160)	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(176.0680, 23.6560,
11.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA2AA
RGB	206, 162, 170
RGB Percent	81%, 64%, 67%
CMY	0.1920, 0.3648, 0.3332
CMYK	0.00, 0.21, 0.17, 0.19
HSL	349°, 31%, 72%
HSV	349°, 21%, 81%
XYZ	45.6363, 41.8631, 43.7164
YIQ	176.0680, 23.6560, 11.8160

Conversions

Conversions Part 2

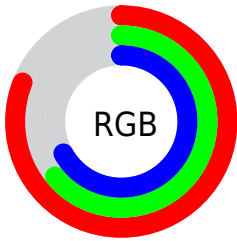
Format	Color
R _Y B	206, 162, 170
Decimal	13542058
CIE Lab	70.78, 17.49, 2.07
CIE LCh	71, 17.612, 6.748
Yxy	41.8631, 0.3478, 0.3190
Android (android.graphics.Color)	4291732138 (0xFFCEA2AA)
YUV	176.0680, -2.9915, 26.2504
Hunter-Lab	64.7017, 12.6740, 5.2313

Details

The YIQ color **176.0680, 23.6560, 11.8160** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **191.9320, -23.6560, -11.8160**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.2740, 20.0800, 10.5440**, and **123.1710, 21.8680, 11.1800** is the 20% darker color. If you saturate the color by 10%, you get **161.8030, 34.8880, 17.5120**, and if you desaturate by 10%, it is **190.3330, 12.4240, 6.1200**.

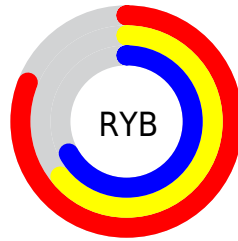
Distribution



Red (81%)

Green (64%)

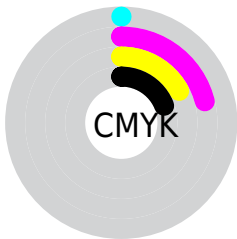
Blue (67%)



Red (81%)

Yellow (64%)

Blue (67%)

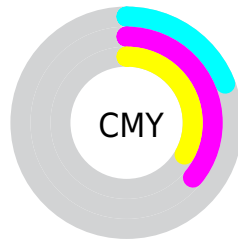


Cyan (0%)

Magenta (21%)

Yellow (17%)

Black (19%)



Cyan (19%)


Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 176.0680, 23.6560, 11.8160 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 176.0680, 23.6560, 11.8160 by changing the saturation by 10% instead.


 176.0680, 23.6560,
11.8160


 176.0680, 23.6560,
11.8160


255.0000, -0.0000,
-0.0000


 149.4700, 22.4640,
11.3920


 229.2740, 20.0800,
10.5440


 123.1710, 21.8680,
11.1800

 249.6030, 2.7960,
4.3960

 98.4590, 20.9970,
10.4450

 73.9750, 19.4840,
10.3320

 51.3770, 18.2920,
9.9080

 28.8930, 16.7790,
9.7950

 9.8670, 19.6680,

6.9960

■ 0.0000, 0.0000,
0.0000

■ 176.0680, 23.6560,
11.8160

■ 176.0680, 23.6560,
11.8160

■ 161.8030, 34.8880,
17.5120

■ 190.3330, 12.4240,
6.1200

■ 148.1250, 45.8450,
22.6850

■ 204.0110, 1.4670,
0.9470

■ 133.8600, 57.0770,
28.3810

■ 218.2760, -9.7650,
-4.7490

■ 120.2960, 67.7130,
33.8650

■ 231.8400,
-20.4010, -10.2330

■ 106.0310, 78.9450,
39.5610

■ 240.2350,
-28.8830, -10.6990

■ 91.7660, 90.1770,
45.2570

■ 240.3490,
-29.2040, -10.3880

■ 78.0880, 101.1340,
50.4300

■ 65.9260, 110.5780,
55.4900

Harmonies

Analogous

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



176.3750, 12.6060, 13.8380



176.0680, 23.6560, 11.8160



175.5320, 27.9210, 6.1050

Triad

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



176.0680, 23.6560, 11.8160



170.2800, 1.6070, -12.6090



169.6730, -29.7560, -0.3800

Complementary

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



176.0680, 23.6560, 11.8160



191.9320, -23.6560, -11.8160

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.



167.8910, -33.6060, -7.7020



176.0680, 23.6560, 11.8160



168.1410, -14.1190, -13.9510

Square

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



176.0680, 23.6560, 11.8160



172.0430, 15.6360, -8.0440



167.5510, -26.9570, -12.5650



172.7610, -18.0200, 7.1960

Rectangle

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



176.0680, 23.6560, 11.8160



174.2990, 26.9590, 1.5110



167.5510, -26.9570, -12.5650



169.0100, -32.3230, -3.4190

Sweetspot

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



176.0680, 23.6560, 11.8160



244.7130, 8.2980, 3.8020



177.7800, 7.3320, 21.3160



121.8050, 5.0430, 2.2190



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.



176.0680, 23.6560, 11.8160



210.1020, 35.4840, 17.7240



183.3740, 22.3740, 2.0060



95.2180, 5.3180, 2.7420



53.0540, 89.3060, 44.5220



12.1600, 20.4010, 10.2330

Inverse Universe

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



176.0680, 23.6560, 11.8160



210.1020, 35.4840, 17.7240



184.6260, -22.3740, -2.0060



95.2180, 5.3180, 2.7420



53.0540, 89.3060, 44.5220



12.1600, 20.4010, 10.2330

Previews

White Background



This preview shows how the YIQ color 176.0680, 23.6560, 11.8160 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 176.0680, 23.6560, 11.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

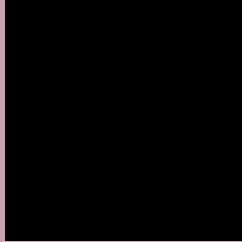
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.0680, 23.6560, 11.8160

Background



This preview shows how black text looks on a background with the YIQ color 176.0680, 23.6560, 11.8160.



This preview shows how white text looks on a background with the YIQ color 176.0680, 23.6560,

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

176.0680, 23.6560, 11.8160

Protanopia

174.2390, 0.8250, 1.5690

Deuteranopia

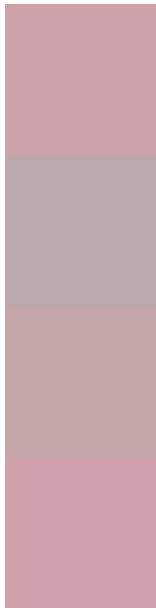
175.2900, 13.9830, 5.3990



Tritanopia

175.9370, 22.6470, 13.5830

Trichromacy



Original Color

176.0680, 23.6560, 11.8160

Protanomaly

174.9520, 9.1230, 5.3710

Deuteranomaly

175.6110, 17.5130, 7.5050

Tritanomaly

175.8230, 22.9680, 13.2720

Monochromacy



Original Color

176.0680, 23.6560, 11.8160

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.1260, 8.5730, 4.3250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.0680, 23.6560, 11.8160 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(206, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(206, 162, 170)  
}
```

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(206, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 162, 170) }
```

Border

The CSS property to change the border of an element to YIQ 176.0680, 23.6560, 11.8160 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(206, 162, 170) }
```


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

```
.border{ border-color:rgb(206, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(206, 162,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 176.0680, 23.6560, 11.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 162, 170) }
```

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

```
.background{ background-color: rgb(206,  
162, 170) }
```

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