

Converting Colors

YIQ(176.8200, 0.6870, 4.0710)

Have a look what the booklet for
YIQ(176.8200, 0.6870, 4.0710)
contains.

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Color

**YIQ(176.8200, 0.6870,
4.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	B4AEB7
RGB	180, 174, 183
RGB Percent	71%, 68%, 72%
CMY	0.2941, 0.3176, 0.2824
CMYK	0.02, 0.05, 0.00, 0.28
HSL	280°, 6%, 70%
HSV	280°, 5%, 72%
XYZ	42.5063, 43.3939, 50.9347
YIQ	176.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

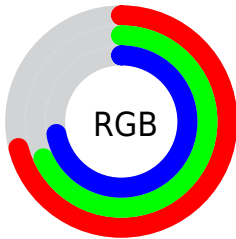
Format	Color
RYB	180, 174, 183
Decimal	11841207
CIELab	71.82, 3.82, -3.84
CIELCh	72, 5.417, 314.863
Yxy	43.3939, 0.3106, 0.3171
Android (android.graphics.Color)	4290031287 (0xFFB4AEB7)
YUV	176.8200, 3.0467, 2.7889
Hunter-Lab	65.8740, -0.0996, 0.2680

Details

The YIQ color $176.8200, 0.6870, 4.0710$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $180.1800, -0.6870, -4.0710$, and the grayscale version is $177.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $232.2330, 0.9620, 4.5940$, and $124.4070, 0.4120, 3.5480$ is the 20% darker color. If you saturate the color by 10%, you get $164.4600, 2.0610, 12.2130$, and if you desaturate by 10%, it is $189.1800, -0.6870, -4.0710$.

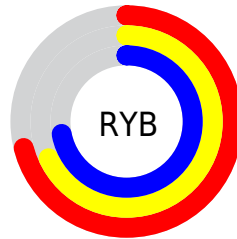
Distribution



Red (71%)

Green (68%)

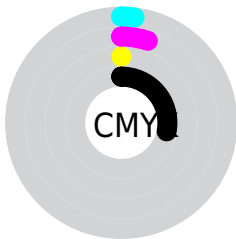
Blue (72%)



Red (71%)

Yellow (68%)

Blue (72%)

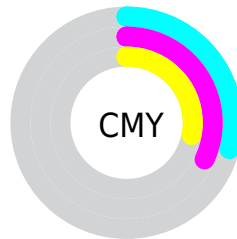


Cyan (2%)

Magenta (5%)

Yellow (0%)

Black (28%)



Cyan (29%)

Magenta (32%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.8200, 0.6870, 4.0710 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 176.8200, 0.6870, 4.0710 by changing the saturation by 10% instead.

■ 176.8200, 0.6870,
4.0710

■ 176.8200, 0.6870,
4.0710

255.0000, -0.0000,
-0.0000

■ 149.8200, 0.6870,
4.0710

■ 232.2330, 0.9620,
4.5940

■ 124.4070, 0.4120,
3.5480

■ 99.4070, 0.4120,
3.5480

■ 75.4070, 0.4120,
3.5480

■ 52.9940, 0.1370,
3.0250

■ 31.8800, 0.4580,
2.7140

■ 7.6460, 1.2370,

5.1170

■ 0.0000, 0.0000,
0.0000

■ 176.8200, 0.6870,
4.0710

■ 176.8200, 0.6870,
4.0710

■ 164.4600, 2.0610,
12.2130

■ 189.1800, -0.6870,
-4.0710

■ 151.5130, 3.7100,
20.8780

■ 202.1270, -2.3360,
-12.7360

■ 139.1530, 5.0840,
29.0200

■ 214.4870, -3.7100,
-20.8780

■ 126.7930, 6.4580,
37.1620

■ 226.8470, -5.0840,
-29.0200

■ 114.4330, 7.8320,
45.3040

■ 233.3370, -3.7080,
-31.9320

■ 101.1870, 8.8850,
53.7570

■ 235.4300, 0.4640,
-30.4480

■ 88.8270, 10.2590,
61.8990

■ 237.2240, 4.0400,
-29.1760

■ 76.4670, 11.6330,
70.0410

■ 239.0180, 7.6160,
-27.9040

■ 63.5200, 13.2820,
78.7060

■ 240.8120, 11.1920,
-26.6320

Harmonies

Analogous

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



176.4280, -4.0810, 2.3750



176.8200, 0.6870, 4.0710



177.2720, 5.2260, 4.4100

Triad

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



176.8200, 0.6870, 4.0710



176.4800, 7.3360, -0.7920



174.4010, -8.6190, -3.4910

Complementary

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



176.8200, 0.6870, 4.0710



180.1800, -0.6870, -4.0710

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.



174.7280, -5.2260, -4.4100



176.8200, 0.6870, 4.0710



175.4580, 4.4020, -2.6860

Square

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



176.8200, 0.6870, 4.0710



176.4310, 9.0320, 1.5120



175.1800, -0.6870, -4.0710



174.6830, -9.3530, -1.2010

Rectangle

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



176.8200, 0.6870, 4.0710



177.4140, 7.7020, 3.5900



175.1800, -0.6870, -4.0710



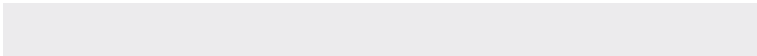
174.5860, -7.7020, -3.5900

Sweetspot

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



176.8200, 0.6870, 4.0710



235.5270, -0.0460, 0.8340



176.7870, -3.7140, 1.2300



119.1140, -0.3210, 0.3110



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



176.8200, 0.6870, 4.0710



227.2870, 0.8700, 6.2620



177.6030, 2.7960, 4.3960



87.2930, 0.7330, 3.2370



48.8800, 11.9080, 70.5640



8.8730, 2.3360, 12.7360

Inverse Universe

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



177.0330, 4.4010, 2.8410



227.7560, 6.7390, 4.5230



179.5110, -3.1170, -4.0850



87.4350, 3.2090, 2.4170



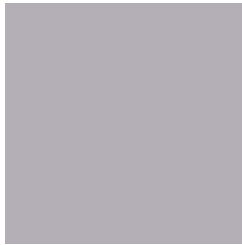
52.5720, 76.2840, 49.2440



9.3980, 13.7990, 8.7350

Previews

White Background



This preview shows how the YIQ color 176.8200, 0.6870, 4.0710 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 176.8200, 0.6870, 4.0710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

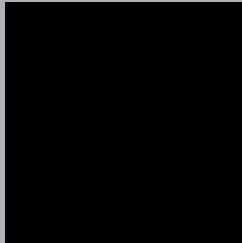
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.8200, 0.6870, 4.0710

Background



This preview shows how black text looks on a background with the YIQ color 176.8200, 0.6870, 4.0710.



This preview shows how white text looks on a background with the YIQ color 176.8200, 0.6870,

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

176.8200, 0.6870, 4.0710

Protanopia

176.6240, -1.6970, 3.2230

Deuteranopia

177.8640, 6.5550, 7.8590



Tritanopia

176.9880, 0.2740, 6.0500

Trichromacy



Original Color

176.8200, 0.6870, 4.0710

Protanomaly

176.9230, -1.1010, 3.4350

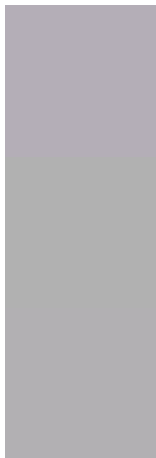
Deuteranomaly

177.5540, 4.4920, 6.7000

Tritanomaly

176.8740, 0.5950, 5.7390

Monochromacy



Original Color

176.8200, 0.6870, 4.0710

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.9400, 0.2290, 1.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.8200, 0.6870, 4.0710 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(180, 174, 183)` looks like.

```
.text, #text, p{  
    color:rgb(180, 174, 183)  
}
```

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(180, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 174, 183) }
```

Border

The CSS property to change the border of an element to YIQ 176.8200, 0.6870, 4.0710 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(180, 174, 183) }
```


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

```
.border{ border-color:rgb(180, 174, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 174, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(180, 174,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 176.8200, 0.6870, 4.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 174, 183) }
```

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

```
.background{ background-color: rgb(180,  
174, 183) }
```

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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