

Converting Colors

YIQ(176.0040, 3.3450, 10.9690)

Have a look what the booklet for
YIQ(176.0040, 3.3450, 10.9690)
contains.

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Color

**YIQ(176.0040, 3.3450,
10.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA8BF
RGB	186, 168, 191
RGB Percent	73%, 66%, 75%
CMY	0.2705, 0.3412, 0.2510
CMYK	0.03, 0.12, 0.00, 0.25
HSL	287°, 15%, 70%
HSV	287°, 12%, 75%
XYZ	43.6583, 42.2050, 55.1349
YIQ	176.0040, 3.3450, 10.9690

Conversions

Conversions Part 2

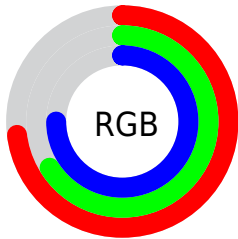
Format	Color
RYB	186, 168, 191
Decimal	12232895
CIELab	71.01, 10.73, -9.39
CIELCh	71, 14.262, 318.820
Yxy	42.2050, 0.3096, 0.2993
Android (android.graphics.Color)	4290422975 (0xFFBAA8BF)
YUV	176.0040, 7.3930, 8.7665
Hunter-Lab	64.9653, 6.2671, -4.8426

Details

The YIQ color **176.0040, 3.3450, 10.9690** is a light color, and the websafe version is hex **999999**. A complement of this color would be **182.9960, -3.3450, -10.9690**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.4170, 3.6200, 11.4920**, and **123.5910, 3.0700, 10.4460** is the 20% darker color. If you saturate the color by 10%, you get **163.6550, 6.1860, 20.0580**, and if you desaturate by 10%, it is **188.3530, 0.5040, 1.8800**.

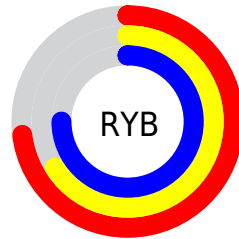
Distribution



Red (73%)

Green (66%)

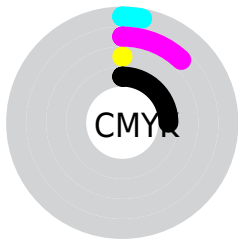
Blue (75%)



Red (73%)

Yellow (66%)

Blue (75%)

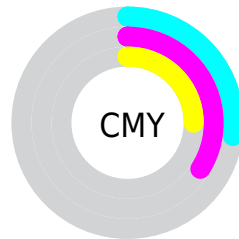


Cyan (3%)

Magenta (12%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (34%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.0040, 3.3450, 10.9690 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 176.0040, 3.3450, 10.9690 by changing the saturation by 10% instead.

■ 176.0040, 3.3450,
10.9690

■ 176.0040, 3.3450,
10.9690

255.0000, -0.0000,
-0.0000

■ 149.5910, 3.0700,
10.4460

■ 231.4170, 3.6200,
11.4920

■ 123.5910, 3.0700,
10.4460

■ 253.2390, 0.8250,
1.5690

■ 98.1780, 2.7950,
9.9230

■ 74.7650, 2.5200,
9.4000

■ 52.2380, 2.5660,
8.5660

■ 30.8250, 2.2910,
8.0430

■ 8.1890, 4.2620,

10.8700

■ 0.0000, 0.0000,
0.0000

■ 176.0040, 3.3450,
10.9690

■ 176.0040, 3.3450,
10.9690

■ 163.6550, 6.1860,
20.0580

■ 188.3530, 0.5040,
1.8800

■ 151.3060, 9.0270,
29.1470

■ 200.7020, -2.3370,
-7.2090

■ 138.9570, 11.8680,
38.2360

■ 213.0510, -5.1780,
-16.2980

■ 126.3090, 14.1130,
47.1130

■ 225.6990, -7.4230,
-25.1750

■ 113.3730, 17.2290,
56.7250

■ 233.3520, -8.0640,
-30.0800

■ 101.0240, 20.0700,
65.8140

■ 234.5480, -5.6800,
-29.2320

■ 88.6750, 22.9110,
74.9030

■ 235.7440, -3.2960,
-28.3840

■ 76.3260, 25.7520,
83.9920

■ 236.9400, -0.9120,
-27.5360

■ 66.6240, 28.0890,
91.2010

■ 238.1360, 1.4720,
-26.6880

Harmonies

Analogous

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



174.3660, -9.5380, 7.6620



176.0040, 3.3450, 10.9690



176.1640, 14.5780, 11.1380

Triad

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



176.0040, 3.3450, 10.9690



173.8740, 17.7900, -3.0260



169.1540, -24.1610, -8.1690

Complementary

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



176.0040, 3.3450, 10.9690



182.9960, -3.3450, -10.9690

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.



169.6510, -15.4950, -11.0390



176.0040, 3.3450, 10.9690



172.6230, 8.0710, -8.6090

Square

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



176.0040, 3.3450, 10.9690



174.9010, 22.3280, 2.8400



170.9960, -3.3450, -10.9690



170.4190, -26.2250, -3.8010

Rectangle

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



176.0040, 3.3450, 10.9690



176.3340, 19.8510, 9.1870



170.9960, -3.3450, -10.9690



169.4700, -22.2350, -10.0350

Sweetspot

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



176.0040, 3.3450, 10.9690



240.5320, 1.5580, 4.8060



173.5570, -8.7580, 4.5380



121.1790, 1.0540, 2.9260



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.



176.0040, 3.3450, 10.9690



224.9490, 5.1780, 16.2980



176.7010, 8.5720, 9.8520



88.1190, 1.2830, 4.2830



55.0880, 23.1860, 75.4260



10.7100, 4.3530, 14.7290

Inverse Universe

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



175.4470, 12.1030, 6.4310



223.9640, 18.0170, 9.3850



182.2990, -8.5720, -9.8520



87.9190, 4.7220, 2.5300



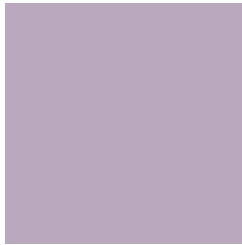
51.1180, 83.2540, 44.0700



10.0670, 16.2290, 8.7490

Previews

White Background



This preview shows how the YIQ color 176.0040, 3.3450, 10.9690 looks on a white background.

Color Contrast Check

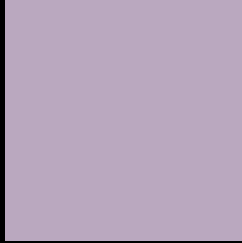
Large Text (above 18pt) WCAG AA × Fail

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 176.0040, 3.3450, 10.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

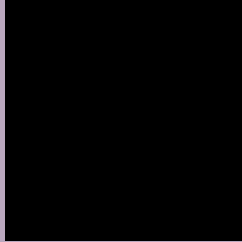
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.0040, 3.3450, 10.9690

Background



This preview shows how black text looks on a background with the YIQ color 176.0040, 3.3450, 10.9690.



This preview shows how white text looks on a background with the YIQ color 176.0040, 3.3450,

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

176.0040, 3.3450, 10.9690

Protanopia

174.7960, -7.9330, 6.1070

Deuteranopia

175.6940, 1.2820, 9.8100



Tritanopia

175.3800, 5.0420, 7.7460

Trichromacy



Original Color

176.0040, 3.3450, 10.9690

Protanomaly

175.0030, -4.0820, 7.9020

Deuteranomaly

175.9930, 1.8780, 10.0220

Tritanomaly

175.7220, 4.0790, 8.6790

Monochromacy



Original Color

176.0040, 3.3450, 10.9690

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

176.0050, 1.6040, 3.9720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.0040, 3.3450, 10.9690 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(186, 168, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 168, 191)  
}
```

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(186, 168, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 168, 191) }
```

Border

The CSS property to change the border of an element to YIQ 176.0040, 3.3450, 10.9690 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(186, 168, 191) }
```


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

```
.border{ border-color:rgb(186, 168, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 168, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 168, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 168, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 168,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 176.0040, 3.3450, 10.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 168, 191) }
```

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

```
.background{ background-color: rgb(186,  
168, 191) }
```

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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