

Converting Colors

YIQ(176.8690, -1.0090, 1.7670)

Have a look what the booklet for
YIQ(176.8690, -1.0090, 1.7670)
contains.

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Color

**YIQ(176.8690, -1.0090,
1.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B0B5
RGB	177, 176, 181
RGB Percent	69%, 69%, 71%
CMY	0.3059, 0.3098, 0.2902
CMYK	0.02, 0.03, 0.00, 0.29
HSL	252°, 3%, 70%
HSV	252°, 3%, 71%
XYZ	41.9973, 43.7339, 49.9430
YIQ	176.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

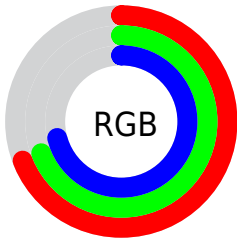
Format	Color
RYB	177, 176, 181
Decimal	11645109
CIELab	72.05, 1.30, -2.43
CIELCh	72, 2.758, 298.191
Yxy	43.7339, 0.3095, 0.3223
Android (android.graphics.Color)	4289835189 (0xFFB1B0B5)
YUV	176.8690, 2.0366, 0.1149
Hunter-Lab	66.1316, -2.3727, 1.5160

Details

The YIQ color **176.8690, -1.0090, 1.7670** is a light color, and the websafe version is hex **999999**. A complement of this color would be **180.1310, 1.0090, -1.7670**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **232.8690, -1.0090, 1.7670**, and **124.4560, -1.2840, 1.2440** is the 20% darker color. If you saturate the color by 10%, you get **162.1170, -4.4030, 8.2130**, and if you desaturate by 10%, it is **191.6210, 2.3850, -4.6790**.

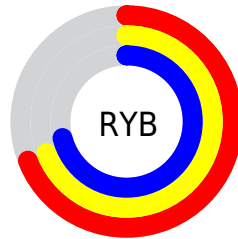
Distribution



Red (69%)

Green (69%)

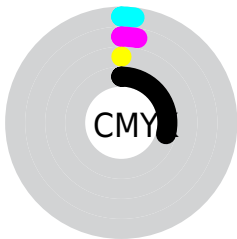
Blue (71%)



Red (69%)

Yellow (69%)

Blue (71%)

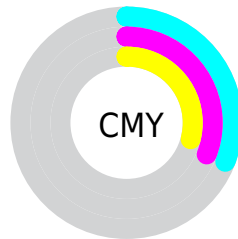


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (31%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.8690, -1.0090, 1.7670 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 176.8690, -1.0090, 1.7670 by changing the saturation by 10% instead.

■ 176.8690, -1.0090,
1.7670

■ 176.8690, -1.0090,
1.7670

255.0000, -0.0000,
-0.0000

■ 149.8690, -1.0090,
1.7670

■ 232.8690, -1.0090,
1.7670

■ 124.4560, -1.2840,
1.2440

■ 99.7550, -0.6880,
1.4560

■ 75.7550, -0.6880,
1.4560

■ 52.7550, -0.6880,
1.4560

■ 31.7550, -0.6880,
1.4560

■ 7.9830, -1.3300,

2.0780

■ 0.0000, 0.0000,
0.0000

■ 176.8690, -1.0090,
1.7670

■ 176.8690, -1.0090,
1.7670

■ 162.1170, -4.4030,
8.2130

■ 191.6210, 2.3850,
-4.6790

■ 147.0660, -8.3930,
14.4470

■ 206.6720, 6.3750,
-10.9130

■ 132.3140,
-11.7870, 20.8930

■ 221.4240, 9.7690,
-17.3590

■ 117.2630,
-15.7770, 27.1270

■ 236.4750, 13.7590,
-23.5930

■ 102.5110,
-19.1710, 33.5730

■ 244.7700, 20.1780,
-24.2860

■ 86.8730, -22.8860,
40.3300

■ 246.5640, 23.7540,
-23.0140

■ 72.1210, -26.2800,
46.7760

■ 57.0700, -30.2700,
53.0100

■ 42.3180, -33.6640,
59.4560

Harmonies

Analogous

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



176.6730, -3.3930, 0.9190



176.8690, -1.0090, 1.7670



176.9510, 1.6960, 2.3040

Triad

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



176.8690, -1.0090, 1.7670



177.0390, 4.2640, -0.1840



175.6790, -3.5300, -2.1060

Complementary

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



176.8690, -1.0090, 1.7670



180.1310, 1.0090, -1.7670

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.



176.0490, -1.6960, -2.3040



176.8690, -1.0090, 1.7670



176.4410, 3.0720, -0.6080

Square

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



176.8690, -1.0090, 1.7670



176.9790, 4.4930, 1.1730



176.1310, 1.0090, -1.7670



176.0210, -4.4930, -1.1730

Rectangle

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



176.8690, -1.0090, 1.7670



177.1360, 2.6130, 2.2050



176.1310, 1.0090, -1.7670



175.8640, -2.6130, -2.2050

Sweetspot

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



176.8690, -1.0090, 1.7670



232.6410, -0.3670, 1.1450



178.9180, -2.7050, -0.5370



116.1140, -0.3210, 0.3110



245.0000, -0.0000, 0.0000



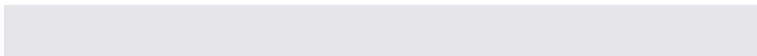
117.0000, -0.0000, 0.0000

Same Dimension

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



176.8690, -1.0090, 1.7670



229.0970, -1.6510, 2.3890



177.4670, 0.1830, 2.1910



86.3420, -0.9630, 0.9330



26.7110, -30.6370, 54.1550



4.4590, -5.3660, 9.1460

Inverse Universe

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



177.9510, 1.6960, 2.3040



230.6630, 2.5670, 3.0390



179.5330, -0.1830, -2.1910



87.2390, 0.8250, 1.5690



59.6550, 52.0260, 70.3780



10.0540, 9.0760, 11.7320

Previews

White Background



This preview shows how the YIQ color 176.8690, -1.0090, 1.7670 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 176.8690, -1.0090, 1.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

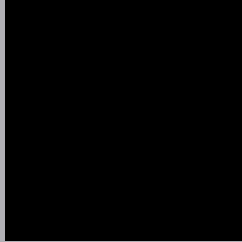
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 176.8690, -1.0090, 1.7670

Background



This preview shows how black text looks on a background with the YIQ color 176.8690, -1.0090, 1.7670.



This preview shows how white text looks on a background with the YIQ color 176.8690, -1.0090,

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

176.8690, -1.0090, 1.7670

Protanopia

177.1680, -0.4130, 1.9790

Deuteranopia

178.2340, 8.3890, 7.6610



Tritanopia

177.4930, -2.7060, 4.9900

Trichromacy



Original Color

176.8690, -1.0090, 1.7670

Protanomaly

177.1680, -0.4130, 1.9790

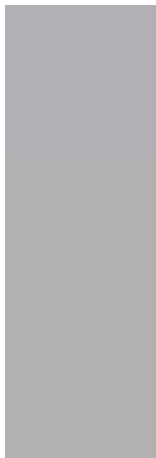
Deuteranomaly

177.9130, 4.8590, 5.5550

Tritanomaly

177.1510, -1.7430, 4.0570

Monochromacy



Original Color

176.8690, -1.0090, 1.7670

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

177.1140, -0.3210, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.8690, -1.0090, 1.7670 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(177, 176, 181)` looks like.

```
.text, #text, p{  
    color:rgb(177, 176, 181)  
}
```

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(177, 176, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 176, 181) }
```

Border

The CSS property to change the border of an element to YIQ 176.8690, -1.0090, 1.7670 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(177, 176, 181) }
```


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

```
.border{ border-color:rgb(177, 176, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 176, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 176, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 176, 181);  
box-shadow:4px 4px 4px 4px rgb(177, 176,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 176.8690, -1.0090, 1.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 176, 181) }
```

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

```
.background{ background-color: rgb(177,  
176, 181) }
```

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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