

Converting Colors

YIQ(178.7080, 6.6940, -0.1700)

Have a look what the booklet for
YIQ(178.7080, 6.6940, -0.1700)
contains.

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Color

**YIQ(178.7080, 6.6940,
-0.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B1AB
RGB	185, 177, 171
RGB Percent	73%, 69%, 67%
CMY	0.2745, 0.3059, 0.3294
CMYK	0.00, 0.04, 0.08, 0.27
HSL	26°, 9%, 70%
HSV	26°, 8%, 73%
XYZ	43.0814, 44.6983, 44.8891
YIQ	178.7080, 6.6940, -0.1700

Conversions

Conversions Part 2

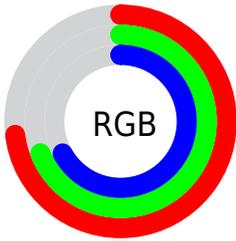
Format	Color
RYB	185, 182, 171
Decimal	12169643
CIELab	72.69, 1.78, 4.07
CIELCh	73, 4.439, 66.327
Yxy	44.6983, 0.3247, 0.3369
Android (android.graphics.Color)	4290359723 (0xFFB9B1AB)
YUV	178.7080, -3.8000, 5.5181
Hunter-Lab	66.8568, -1.9768, 6.9912

Details

The YIQ color **178.7080, 6.6940, -0.1700** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **177.2920, -6.6940, 0.1700**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.5940, 7.0150, -0.4810**, and **125.8220, 6.3730, 0.1410** is the 20% darker color. If you saturate the color by 10%, you get **170.1990, 15.4970, -0.0150**, and if you desaturate by 10%, it is **187.3310, -2.4300, -0.0140**.

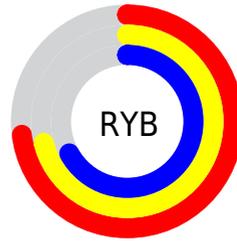
Distribution



Red (73%)

Green (69%)

Blue (67%)



Red (73%)

Yellow (71%)

Blue (67%)

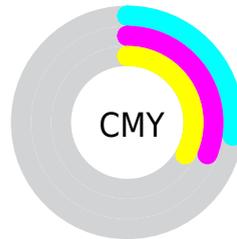


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.7080, 6.6940, -0.1700 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 178.7080, 6.6940, -0.1700 by changing the saturation by 10% instead.

■ 178.7080, 6.6940,
-0.1700

■ 178.7080, 6.6940,
-0.1700

■ 255.0000, -0.0000,
-0.0000

■ 151.8220, 6.3730,
0.1410

■ 234.5940, 7.0150,
-0.4810

■ 125.8220, 6.3730,
0.1410

■ 101.4090, 6.0980,
-0.3820

■ 77.2240, 5.1810,
-0.2830

■ 54.2240, 5.1810,
-0.2830

■ 33.2240, 5.1810,
-0.2830

■ 9.7790, 7.9320,

-0.5800

■ 0.0000, 0.0000,
0.0000

■ 178.7080, 6.6940,
-0.1700

■ 178.7080, 6.6940,
-0.1700

■ 170.1990, 15.4970,
-0.0150

■ 187.3310, -2.4300,
-0.0140

■ 162.1630, 24.3460,
-0.6940

■ 195.2530,
-10.9580, 0.3540

■ 153.6540, 33.1490,
-0.5390

■ 203.8760,
-20.0820, 0.5100

■ 145.6180, 41.9980,
-1.2180

■ 211.7980,
-28.6100, 0.8780

■ 137.1090, 50.8010,
-1.0630

■ 219.3950,
-34.8450, -1.7650

■ 129.0730, 59.6500,
-1.7420

■ 225.2650,
-37.5950, -6.9950

■ 120.5640, 68.4530,
-1.5870

■ 231.7220,
-40.6200, -12.7480

■ 111.9410, 77.5770,
-1.7430

■ 234.0700,
-41.7200, -14.8400

■ 104.0190, 86.1050,
-2.1110

Harmonies

Analogous

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



179.0610, 7.1980, 1.7100



178.7080, 6.6940, -0.1700



177.9850, 4.3560, -1.8520

Triad

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



178.7080, 6.6940, -0.1700



177.1840, -6.5100, -3.1660



178.8090, -0.7800, 3.1240

Complementary

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



178.7080, 6.6940, -0.1700



177.2920, -6.6940, 0.1700

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.



178.0150, -4.3560, 1.8520



178.7080, 6.6940, -0.1700



177.6400, -7.7940, -1.9220

Square

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



178.7080, 6.6940, -0.1700



177.6250, -3.4380, -3.7740



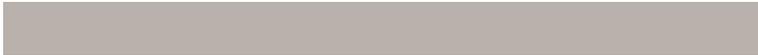
177.9930, -7.2900, -0.0420



179.3750, 3.4380, 3.7740

Rectangle

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



178.7080, 6.6940, -0.1700



177.7890, 1.9720, -2.7000



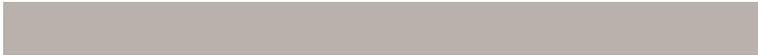
177.9930, -7.2900, -0.0420



178.6240, -1.6970, 3.2230

Sweetspot

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



178.7080, 6.6940, -0.1700



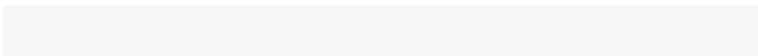
237.6690, 2.4300, 0.0140



176.0980, 5.7760, 5.4560



118.4840, 1.5130, 0.1130



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.



178.7080, 6.6940, -0.1700



229.8610, 10.6370, -0.0430



182.8170, 4.7690, -3.8310



88.0390, 4.2640, -0.1840



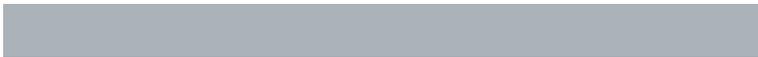
85.9730, 74.5510, -1.9690



15.4160, 13.3880, -0.3400

Inverse Universe

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



177.2920, -6.6940, 0.1700



227.5520, -10.3620, 0.5660



173.1830, -4.7690, 3.8310



86.9610, -4.2640, 0.1840



70.0270, -74.5510, 1.9690



12.5840, -13.3880, 0.3400

Previews

White Background



This preview shows how the YIQ color 178.7080, 6.6940, -0.1700 looks on a white background.

Color Contrast Check

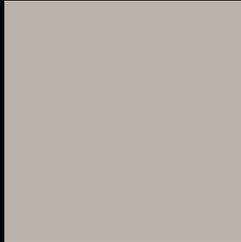
Large Text (above 18pt) WCAG AA × Fail

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 178.7080, 6.6940, -0.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

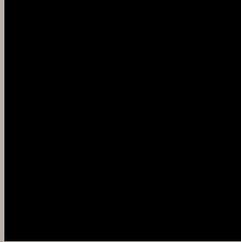
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.7080, 6.6940, -0.1700

Background



This preview shows how black text looks on a background with the YIQ color 178.7080, 6.6940, -0.1700.



This preview shows how white text looks on a background with the YIQ color 178.7080, 6.6940,

-0.1700.

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

178.7080, 6.6940, -0.1700

Protanopia

178.6970, 5.2270, -1.1170

Deuteranopia

179.7740, 15.4960, 5.5120



Tritanopia

179.4830, 3.2540, 7.1100

Trichromacy



Original Color

178.7080, 6.6940, -0.1700

Protanomaly

178.9960, 5.8230, -0.9050

Deuteranomaly

179.4530, 11.9660, 3.4060

Tritanomaly

179.0870, 4.3090, 4.5090

Monochromacy



Original Color

178.7080, 6.6940, -0.1700

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.6690, 2.4300, 0.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.7080, 6.6940, -0.1700 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(185, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(185, 177, 171)  
}
```

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(185, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 177, 171) }
```

Border

The CSS property to change the border of an element to YIQ 178.7080, 6.6940, -0.1700 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(185, 177, 171) }
```

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

```
.border{ border-color:rgb(185, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 177, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 177, 171);  
box-shadow:4px 4px 4px 4px rgb(185, 177,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 178.7080, 6.6940, -0.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 177, 171) }
```

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

```
.background{ background-color: rgb(185,  
177, 171) }
```

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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