

Converting Colors

YIQ(178.9440, 11.6010, -6.5030)

Have a look what the booklet for
YIQ(178.9440, 11.6010, -6.5030)
contains.

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Color

**YIQ(178.9440, 11.6010,
-6.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	BAB49B
RGB	186, 180, 155
RGB Percent	73%, 71%, 61%
CMY	0.2706, 0.2941, 0.3921
CMYK	0.00, 0.03, 0.17, 0.27
HSL	48°, 18%, 67%
HSV	48°, 17%, 73%
XYZ	42.4882, 45.4477, 37.5506
YIQ	178.9440, 11.6010, -6.5030

Conversions

Conversions Part 2

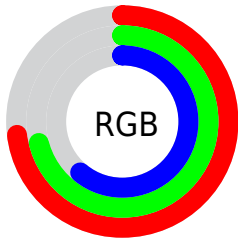
Format	Color
RYB	162, 186, 155
Decimal	12235931
CIELab	73.19, -2.11, 13.51
CIELCh	73, 13.679, 98.887
Yxy	45.4477, 0.3386, 0.3622
Android (android.graphics.Color)	4290426011 (0xFFBAB49B)
YUV	178.9440, -11.8044, 6.1881
Hunter-Lab	67.4149, -5.4766, 14.1654

Details

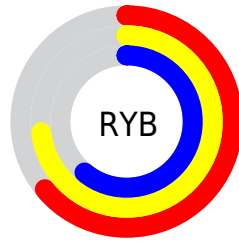
The YIQ color **178.9440, 11.6010, -6.5030** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **162.0560, -11.6010, 6.5030**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **234.7160, 12.2430, -7.1250**, and **126.1720, 10.9590, -5.8810** is the 20% darker color. If you saturate the color by 10%, you get **174.4300, 18.8000, -10.3200**, and if you desaturate by 10%, it is **183.4580, 4.4020, -2.6860**.

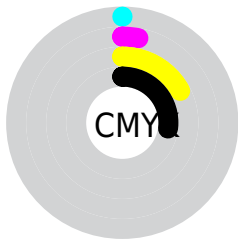
Distribution



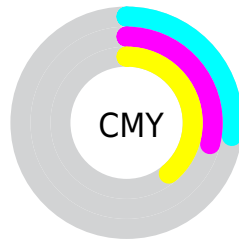
- Red (73%)
- Green (71%)
- Blue (61%)



- Red (64%)
- Yellow (73%)
- Blue (61%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (27%)



- Cyan (27%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.9440, 11.6010, -6.5030 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 178.9440, 11.6010, -6.5030 by changing the saturation by 10% instead.

■ 178.9440, 11.6010,
-6.5030

■ 178.9440, 11.6010,
-6.5030

■ 255.0000, -0.0000,
-0.0000

■ 152.0580, 11.2800,
-6.1920

■ 234.7160, 12.2430,
-7.1250

■ 126.1720, 10.9590,
-5.8810

■ 253.0620, 5.4570,
-5.2870

■ 100.9870, 10.0420,
-5.7820

■ 77.1010, 9.7210,
-5.4710

■ 54.5030, 8.5290,
-5.8950

■ 32.6170, 8.2080,
-5.5840

■ 11.2190, 3.5770,

-4.2550

■ 0.0000, 0.0000,
0.0000

■ 178.9440, 11.6010,
-6.5030

■ 178.9440, 11.6010,
-6.5030

■ 174.4300, 18.8000,
-10.3200

■ 183.4580, 4.4020,
-2.6860

■ 170.6170, 25.4030,
-14.3490

■ 187.2710, -2.2010,
1.3430

■ 166.1030, 32.6020,
-18.1660

■ 191.7850, -9.4000,
5.1600

■ 162.2900, 39.2050,
-22.1950

■ 195.5980,
-16.0030, 9.1890

■ 157.7760, 46.4040,
-26.0120

■ 200.1120,
-23.2020, 13.0060

■ 153.2620, 53.6030,
-29.8290

■ 203.2580,
-26.5490, 13.0910

■ 149.4490, 60.2060,
-33.8580

■ 205.0190,
-27.3740, 11.5220

■ 144.9350, 67.4050,
-37.6750

■ 207.3670,
-28.4740, 9.4300

■ 143.6640, 69.6060,
-39.0180

■ 209.1280,
-29.2990, 7.8610

Harmonies

Analogous

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



180.4120, 19.2110, -1.2450



178.9440, 11.6010, -6.5030



177.6760, 0.5520, -10.0080

Triad

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



178.9440, 11.6010, -6.5030



175.6640, -25.5370, -5.2570



182.0110, 10.6350, 11.0110

Complementary

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



178.9440, 11.6010, -6.5030



162.0560, -11.6010, 6.5030

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.



181.3240, -0.5520, 10.0080



178.9440, 11.6010, -6.5030



177.2070, -22.5120, 0.4960

Square

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



178.9440, 11.6010, -6.5030



175.1820, -21.3640, -9.3000



179.4580, -12.7930, 6.0790



182.0350, 19.2550, 8.9750

Rectangle

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



178.9440, 11.6010, -6.5030



176.5440, -7.8840, -11.3080



179.4580, -12.7930, 6.0790



182.1570, 7.2880, 11.0960

Sweetspot

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



178.9440, 11.6010, -6.5030



239.4580, 4.4020, -2.6860



164.9530, 16.5500, 8.4380



120.6150, 2.5220, -1.6540



250.0000, 0.0000, 0.0000



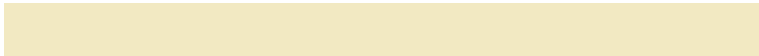
122.0000, 0.0000, -0.0000

Same Dimension

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



178.9440, 11.6010, -6.5030



231.2450, 17.8830, -10.2210



179.7750, 4.5870, -11.5490



89.8000, 3.4390, -1.7530



120.0190, 58.6010, -32.3030



21.8730, 10.3630, -6.0930

Inverse Universe

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



162.0560, -11.6010, 6.5030



204.7550, -17.8830, 10.2210



161.2250, -4.5870, 11.5490



84.6130, -3.1640, 2.2760



35.3940, -58.3260, 32.8260



6.1270, -10.3630, 6.0930

Previews

White Background



This preview shows how the YIQ color 178.9440, 11.6010, -6.5030 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 178.9440, 11.6010, -6.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

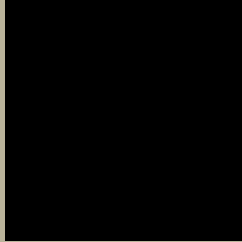
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 178.9440, 11.6010, -6.5030

Background



This preview shows how black text looks on a background with the YIQ color 178.9440, 11.6010, -6.5030.



This preview shows how white text looks on a background with the YIQ color 178.9440, 11.6010, -6.5030.

-6.5030.

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

178.9440, 11.6010, -6.5030

Protanopia

179.2540, 13.6640, -5.3440

Deuteranopia

180.6300, 24.5290, 1.4970



Tritanopia

181.3800, 5.0420, 7.7460

Trichromacy



Original Color

178.9440, 11.6010, -6.5030

Protanomaly

178.9550, 13.0680, -5.5560

Deuteranomaly

180.2980, 19.5320, -1.5560

Tritanomaly

180.5880, 7.1520, 2.5440

Monochromacy



Original Color

178.9440, 11.6010, -6.5030

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

178.8710, 4.6770, -2.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.9440, 11.6010, -6.5030 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, 180, 155)` looks like.

```
.text, #text, p{  
    color:rgb(186, 180, 155)  
}
```

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, 180, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 180, 155) }
```

Border

The CSS property to change the border of an element to YIQ 178.9440, 11.6010, -6.5030 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, 180, 155) }
```


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

```
.border{ border-color:rgb(186, 180, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 180, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 180, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 180, 155);  
box-shadow:4px 4px 4px 4px rgb(186, 180,  
155) }
```

Background

The CSS property to change the background color of an element to YIQ 178.9440, 11.6010, -6.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 180, 155) }
```

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

```
.background{ background-color: rgb(186,  
180, 155) }
```

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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