

Converting Colors

YIQ(186.6770, -0.0480, 11.8880)

Have a look what the booklet for
YIQ(186.6770, -0.0480, 11.8880)
contains.

YIQ(186.6770, -0.0480, 11.8880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(186.6770, -0.0480,
11.8880)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B3CF
RGB	194, 179, 207
RGB Percent	76%, 70%, 81%
CMY	0.2392, 0.2980, 0.1883
CMYK	0.06, 0.14, 0.00, 0.19
HSL	272°, 23%, 76%
HSV	272°, 14%, 81%
XYZ	49.6323, 48.2135, 65.7182
YIQ	186.6770, -0.0480, 11.8880

Conversions

Conversions Part 2

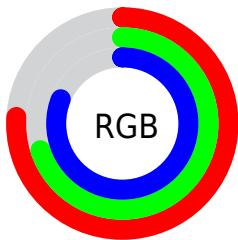
Format	Color
RYB	194, 179, 207
Decimal	12760015
CIELab	74.96, 10.57, -12.19
CIELCh	75, 16.136, 310.917
Yxy	48.2135, 0.3034, 0.2948
Android (android.graphics.Color)	4290950095 (0xFFC2B3CF)
YUV	186.6770, 10.0192, 6.4223
Hunter-Lab	69.4360, 6.0774, -7.5102

Details

The YIQ color $186.6770, -0.0480, 11.8880$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $199.3230, 0.0480, -11.8880$, and the grayscale version is $187.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $242.0640, 3.1160, 9.6120$, and $133.2640, -0.3230, 11.3650$ is the 20% darker color. If you saturate the color by 10%, you get $171.3600, -0.2330, 20.7510$, and if you desaturate by 10%, it is $201.9940, 0.1370, 3.0250$.

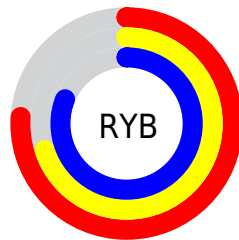
Distribution



Red (76%)

Green (70%)

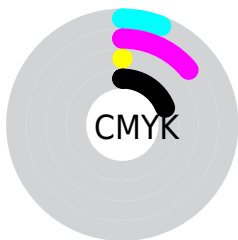
Blue (81%)



Red (76%)

Yellow (70%)

Blue (81%)

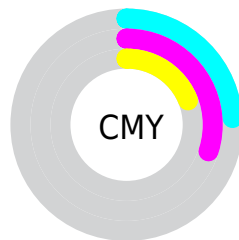


Cyan (6%)

Magenta (14%)

Yellow (0%)

Black (19%)



Cyan (24%)

Magenta (30%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 186.6770, -0.0480, 11.8880 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 186.6770, -0.0480, 11.8880 by changing the saturation by 10% instead.

■ 186.6770, -0.0480,
11.8880

■ 186.6770, -0.0480,
11.8880

255.0000, -0.0000,
-0.0000

■ 159.5630, 0.2730,
11.5770

■ 242.0640, 3.1160,
9.6120

■ 133.2640, -0.3230,
11.3650

■ 108.1500, -0.0020,
11.0540

■ 83.7370, -0.2770,
10.5310

■ 60.3240, -0.5520,
10.0080

■ 38.7970, -0.5060,
9.1740

■ 17.3950, 0.6860,

9.5980

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,
0.0000

■ 186.6770, -0.0480,
11.8880

■ 186.6770, -0.0480,
11.8880

■ 171.3600, -0.2330,
20.7510

■ 201.9940, 0.1370,
3.0250

■ 156.9290, -0.0970,
29.3030

■ 216.4250, 0.0010,
-5.5270

■ 141.6120, -0.2820,
38.1660

■ 231.7420, 0.1860,
-14.3900

■ 126.5940, 0.1290,
47.2410

■ 242.6510, 1.7000,
-19.8040

■ 111.8640, -0.3310,
55.5810

■ 245.6410, 7.6600,
-17.6840

■ 96.5470, -0.5160,
64.4440

■ 248.6310, 13.6200,
-15.5640

■ 81.5290, -0.1050,
73.5190

■ 249.5280, 15.4080,
-14.9280

■ 66.2120, -0.2900,
82.3820

■ 56.7870, -0.2910,
87.9090

Harmonies

Analogous

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



184.6150, -14.6730, 7.1110



186.6770, -0.0480, 11.8880



187.4460, 13.8440, 13.4280

Triad

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



186.6770, -0.0480, 11.8880



184.8530, 22.2830, -1.8530



178.9040, -26.4530, -10.6850

Complementary

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



186.6770, -0.0480, 11.8880



199.3230, 0.0480, -11.8880

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.



179.7820, -14.4860, -12.8060



186.6770, -0.0480, 11.8880



183.3740, 13.2060, -8.0580

Square

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



186.6770, -0.0480, 11.8880



186.2220, 25.8580, 4.9460



182.0240, -0.5480, -12.1000



179.7990, -30.3510, -6.1190

Rectangle

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



186.6770, -0.0480, 11.8880



187.2140, 20.3090, 11.9010



182.0240, -0.5480, -12.1000



179.1170, -22.7390, -11.9150

Sweetspot

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



186.6770, -0.0480, 11.8880



247.6350, -0.2300, 4.1700



189.8230, -12.5630, 1.9090



122.9940, 0.1370, 3.0250



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



186.6770, -0.0480, 11.8880



225.2520, -0.0490, 17.4150



190.4500, 8.0210, 14.3330



97.0480, 0.0450, 4.6930



46.0620, -0.2880, 71.3280



11.2520, -0.0490, 17.4150

Inverse Universe

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



188.8540, 12.5150, 9.9790



228.4250, 18.3370, 14.6010



195.5500, -8.0210, -14.3330



97.8590, 4.9510, 3.8870



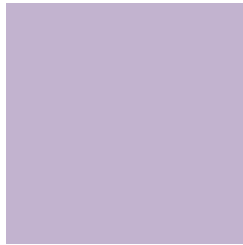
59.1240, 75.0900, 59.8740



14.4250, 18.3370, 14.6010

Previews

White Background



This preview shows how the YIQ color 186.6770, -0.0480, 11.8880 looks on a white background.

Color Contrast Check

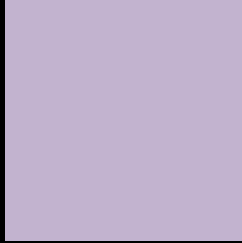
Large Text (above 18pt) WCAG AA × Fail

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 186.6770, -0.0480, 11.8880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

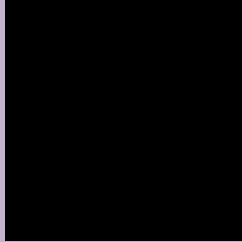
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 186.6770, -0.0480, 11.8880

Background



This preview shows how black text looks on a background with the YIQ color 186.6770, -0.0480, 11.8880.



This preview shows how white text looks on a background with the YIQ color 186.6770, -0.0480,

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

186.6770, -0.0480, 11.8880

Protanopia

185.1810, -10.4550, 7.7610

Deuteranopia

186.6660, -1.5150, 10.9410



Tritanopia

185.8850, 2.0620, 6.6860

Trichromacy



Original Color

186.6770, -0.0480, 11.8880

Protanomaly

185.9750, -6.8790, 9.0330

Deuteranomaly

186.9650, -0.9190, 11.1530

Tritanomaly

186.0530, 1.6490, 8.6650

Monochromacy



Original Color

186.6770, -0.0480, 11.8880

Achromatopsia

187.0000, -0.0000, -0.0000

Achromatomaly

186.9340, 0.3660, 4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 186.6770, -0.0480, 11.8880 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(194, 179, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 179, 207)  
}
```

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(194, 179, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 179, 207) }
```

Border

The CSS property to change the border of an element to YIQ 186.6770, -0.0480, 11.8880 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(194, 179, 207) }
```


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

```
.border{ border-color:rgb(194, 179, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 179, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 179, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 179, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 179,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 186.6770, -0.0480, 11.8880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 179, 207) }
```

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

```
.background{ background-color: rgb(194,  
179, 207) }
```

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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