

Converting Colors

YIQ(181.3760, 10.8650, 6.8410)

Have a look what the booklet for
YIQ(181.3760, 10.8650, 6.8410)
contains.

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Color

**YIQ(181.3760, 10.8650,
6.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	C4AEB5
RGB	196, 174, 181
RGB Percent	77%, 68%, 71%
CMY	0.2313, 0.3177, 0.2902
CMYK	0.00, 0.11, 0.08, 0.23
HSL	341°, 16%, 73%
HSV	341°, 11%, 77%
XYZ	46.2445, 45.3428, 50.0359
YIQ	181.3760, 10.8650, 6.8410

Conversions

Conversions Part 2

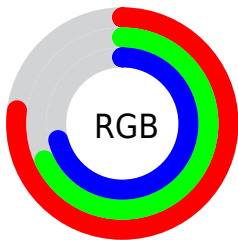
Format	Color
R _Y B	196, 174, 181
Decimal	12889781
CIE Lab	73.12, 9.13, -0.69
CIE LCh	73, 9.158, 355.697
Yxy	45.3428, 0.3265, 0.3202
Android (android.graphics.Color)	4291079861 (0xFFC4AEB5)
YUV	181.3760, -0.1854, 12.8252
Hunter-Lab	67.3371, 4.7469, 3.0795

Details

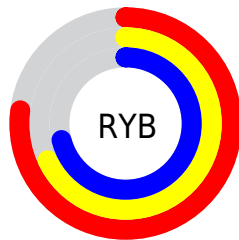
The YIQ color $181.3760, 10.8650, 6.8410$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $188.6240, -10.8650, -6.8410$, and the grayscale version is $181.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $237.0880, 11.7360, 7.5760$, and $128.6640, 9.9940, 6.1060$ is the 20% darker color. If you saturate the color by 10%, you get $168.1540, 20.5380, 13.2580$, and if you desaturate by 10%, it is $194.5980, 1.1920, 0.4240$.

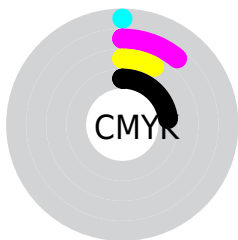
Distribution



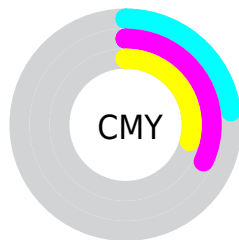
- Red (77%)
- Green (68%)
- Blue (71%)



- Red (77%)
- Yellow (68%)
- Blue (71%)



- Cyan (0%)
- Magenta (11%)
- Yellow (8%)
- Black (23%)



- Cyan (23%)
- Magenta (32%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.3760, 10.8650, 6.8410 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 181.3760, 10.8650, 6.8410 by changing the saturation by 10% instead.

■ 181.3760, 10.8650,
6.8410

■ 181.3760, 10.8650,
6.8410

255.0000, -0.0000,
-0.0000

■ 154.3760, 10.8650,
6.8410

■ 237.0880, 11.7360,
7.5760

■ 128.6640, 9.9940,
6.1060

■ 103.6640, 9.9940,
6.1060

■ 79.3650, 9.3980,
5.8940

■ 56.0660, 8.8020,
5.6820

■ 34.7670, 8.2060,
5.4700

■ 11.6040, 10.2230,

7.4630

■ 0.0000, 0.0000,
0.0000

■ 181.3760, 10.8650,
6.8410

■ 181.3760, 10.8650,
6.8410

■ 168.1540, 20.5380,
13.2580

■ 194.5980, 1.1920,
0.4240

■ 155.4050, 30.2570,
18.8410

■ 207.3470, -8.5270,
-5.1590

■ 142.1830, 39.9300,
25.2580

■ 220.5690,
-18.2000, -11.5760

■ 129.5480, 49.3280,
31.1520

■ 233.2040,
-27.5980, -17.4700

■ 116.2120, 59.3220,
37.2580

■ 236.5610,
-32.9170, -14.6850

■ 102.9900, 68.9950,
43.6750

■ 237.3590,
-35.1640, -12.5080

■ 90.3550, 78.3930,
49.5690

■ 77.0190, 88.3870,
55.6750

■ 65.6720, 96.9140,
60.8340

Harmonies

Analogous

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



181.0810, 4.4460, 7.5340



181.3760, 10.8650, 6.8410



181.0620, 14.6250, 4.7770

Triad

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



181.3760, 10.8650, 6.8410



178.4640, 4.2650, -5.7110



177.8610, -15.7260, -1.3420

Complementary

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



181.3760, 10.8650, 6.8410



188.6240, -10.8650, -6.8410

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.



176.7530, -15.5420, -4.6780



181.3760, 10.8650, 6.8410



177.3320, -4.1710, -7.0110

Square

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



181.3760, 10.8650, 6.8410



179.2800, 10.7750, -2.5450



177.3250, -11.4610, -7.0530



179.4210, -11.3710, 2.3330

Rectangle

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



181.3760, 10.8650, 6.8410



180.4810, 14.7630, 2.2750



177.3250, -11.4610, -7.0530



177.6220, -16.5510, -2.9110

Sweetspot

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



181.3760, 10.8650, 6.8410



249.7340, 3.8050, 2.6290



180.9930, 1.8780, 10.0220



124.0220, 2.9340, 1.8940



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.



181.3760, 10.8650, 6.8410



233.0070, 16.4580, 10.1060



182.9260, 12.0120, 2.5720



90.3320, 4.9970, 3.0530



53.9530, 79.5850, 49.9930



11.1210, 16.1370, 10.4170

Inverse Universe

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



181.3760, 10.8650, 6.8410



233.0070, 16.4580, 10.1060



187.0740, -12.0120, -2.5720



90.3320, 4.9970, 3.0530



53.9530, 79.5850, 49.9930



11.1210, 16.1370, 10.4170

Previews

White Background



This preview shows how the YIQ color 181.3760, 10.8650, 6.8410 looks on a white background.

Color Contrast Check

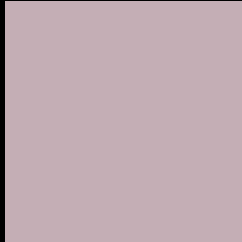
Large Text (above 18pt) WCAG AA × Fail

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 181.3760, 10.8650, 6.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

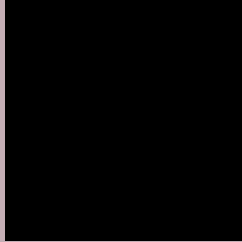
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 181.3760, 10.8650, 6.8410

Background



This preview shows how black text looks on a background with the YIQ color 181.3760, 10.8650, 6.8410.



This preview shows how white text looks on a background with the YIQ color 181.3760, 10.8650,

6.8410.

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

181.3760, 10.8650, 6.8410

Protanopia

180.4670, 0.1830, 2.1910

Deuteranopia

181.3760, 10.8650, 6.8410



Tritanopia

181.7720, 9.8100, 9.4420

Trichromacy



Original Color

181.3760, 10.8650, 6.8410

Protanomaly

180.6740, 4.0340, 3.9860

Deuteranomaly

181.3760, 10.8650, 6.8410

Tritanomaly

181.5440, 10.4520, 8.8200

Monochromacy



Original Color

181.3760, 10.8650, 6.8410

Achromatopsia

181.0000, -0.0000, 0.0000

Achromatomaly

180.7340, 3.8050, 2.6290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.3760, 10.8650, 6.8410 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(196, 174, 181)` looks like.

```
.text, #text, p{  
    color:rgb(196, 174, 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(196, 174, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 174, 181) }
```

Border

The CSS property to change the border of an element to YIQ 181.3760, 10.8650, 6.8410 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(196, 174, 181) }
```


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

```
.border{ border-color:rgb(196, 174, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 174, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 174, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 174, 181);  
box-shadow:4px 4px 4px 4px rgb(196, 174,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 181.3760, 10.8650, 6.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 174, 181) }
```

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

```
.background{ background-color: rgb(196,  
174, 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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