

Converting Colors

YIQ(189.2160, -0.3680, 6.6720)

Have a look what the booklet for
YIQ(189.2160, -0.3680, 6.6720)
contains.

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Color

**YIQ(189.2160, -0.3680,
6.6720)**

Conversions

Conversions Part 1

Format	Color
Hex	C1B9C9
RGB	193, 185, 201
RGB Percent	76%, 73%, 79%
CMY	0.2431, 0.2745, 0.2118
CMYK	0.04, 0.08, 0.00, 0.21
HSL	270°, 13%, 76%
HSV	270°, 8%, 79%
XYZ	49.8847, 50.2518, 62.3265
YIQ	189.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

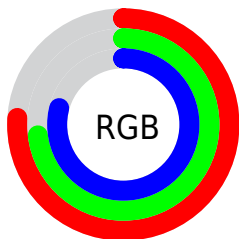
Format	Color
R_{YB}	193, 185, 201
Decimal	12696009
CIE Lab	76.22, 5.80, -7.05
CIE LCh	76, 9.134, 309.431
Yxy	50.2518, 0.3071, 0.3093
Android (android.graphics.Color)	4290886089 (0xFFC1B9C9)
YUV	189.2160, 5.8095, 3.3186
Hunter-Lab	70.8885, 1.5565, -2.5069

Details

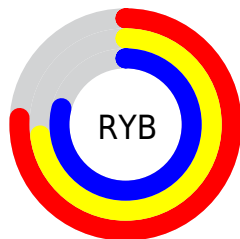
The YIQ color $189.2160, -0.3680, 6.6720$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $196.7840, 0.3680, -6.6720$, and the grayscale version is $189.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.9880, 0.2740, 6.0500$, and $135.8030, -0.6430, 6.1490$ is the 20% darker color. If you saturate the color by 10%, you get $174.4860, -0.8280, 15.0120$, and if you desaturate by 10%, it is $203.9460, 0.0920, -1.6680$.

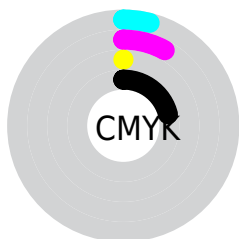
Distribution



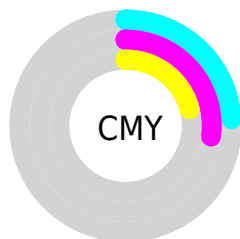
- Red (76%)
- Green (73%)
- Blue (79%)



- Red (76%)
- Yellow (73%)
- Blue (79%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.2160, -0.3680, 6.6720 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 189.2160, -0.3680, 6.6720 by changing the saturation by 10% instead.

■ 189.2160, -0.3680,
6.6720

■ 189.2160, -0.3680,
6.6720

255.0000, -0.0000,
-0.0000

■ 162.2160, -0.3680,
6.6720

■ 244.9880, 0.2740,
6.0500

■ 135.8030, -0.6430,
6.1490

■ 110.6890, -0.3220,
5.8380

■ 86.3900, -0.9180,
5.6260

■ 63.2760, -0.5970,
5.3150

■ 41.1620, -0.2760,
5.0040

■ 20.4610, 0.3200,

5.2160

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 189.2160, -0.3680,
6.6720

■ 189.2160, -0.3680,
6.6720

■ 174.4860, -0.8280,
15.0120

■ 203.9460, 0.0920,
-1.6680

■ 159.7560, -1.2880,
23.3520

■ 218.6760, 0.5520,
-10.0080

■ 145.0260, -1.7480,
31.6920

■ 233.4060, 1.0120,
-18.3480

■ 130.2960, -2.2080,
40.0320

■ 242.2660, 4.2220,
-21.4580

■ 115.5660, -2.6680,
48.3720

■ 245.2560, 10.1820,
-19.3380

■ 100.2490, -2.8530,
57.2350

■ 248.2460, 16.1420,
-17.2180

■ 85.5190, -3.3130,
65.5750

■ 248.8440, 17.3340,
-16.7940

■ 70.7890, -3.7730,
73.9150

■ 56.0590, -4.2330,
82.2550

Harmonies

Analogous

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



188.3290, -8.1160, 3.9160



189.2160, -0.3680, 6.6720



189.9350, 7.7930, 7.4490

Triad

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



189.2160, -0.3680, 6.6720



188.3020, 13.7090, -0.6510



185.1830, -13.9370, -6.2330

Complementary

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



189.2160, -0.3680, 6.6720



196.7840, 0.3680, -6.6720

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.



186.0650, -7.7930, -7.4490



189.2160, -0.3680, 6.6720



187.2580, 7.8410, -4.4390

Square

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



189.2160, -0.3680, 6.6720



189.3070, 15.3130, 3.3210



186.4850, -0.2280, -6.8840



185.5080, -16.2300, -3.2220

Rectangle

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



189.2160, -0.3680, 6.6720



189.5610, 11.7820, 6.7420



186.4850, -0.2280, -6.8840



185.1400, -12.3780, -6.9540

Sweetspot

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



189.2160, -0.3680, 6.6720



251.1680, -0.4130, 1.9790



191.5200, -7.3360, 0.7920



125.6410, -0.3670, 1.1450



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.



189.2160, -0.3680, 6.6720



236.4380, -0.8730, 10.3190



191.6080, 4.4000, 8.3680



92.2220, -0.5050, 3.6470



43.1000, -3.4510, 68.0770



9.4860, -0.8280, 15.0120

Inverse Universe

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



190.6960, 6.9680, 5.8800



238.8430, 11.0480, 9.0320



194.3920, -4.4000, -8.3680



93.1470, 4.0800, 3.1520



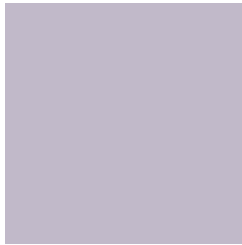
58.0850, 70.8260, 60.0580



12.8160, 15.6780, 13.2300

Previews

White Background



This preview shows how the YIQ color 189.2160, -0.3680, 6.6720 looks on a white background.

Color Contrast Check

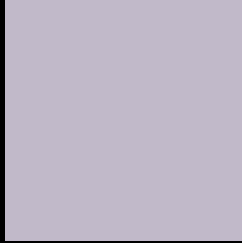
Large Text (above 18pt) WCAG AA × Fail

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 189.2160, -0.3680, 6.6720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

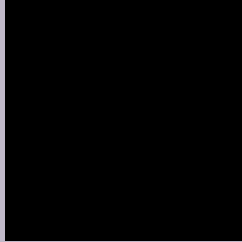
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.2160, -0.3680, 6.6720

Background



This preview shows how black text looks on a background with the YIQ color 189.2160, -0.3680, 6.6720.

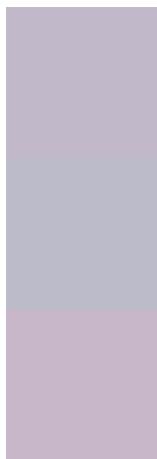


This preview shows how white text looks on a background with the YIQ color 189.2160, -0.3680,

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

189.2160, -0.3680, 6.6720

Protanopia

188.7100, -4.8150, 4.6650

Deuteranopia

190.1350, 4.3540, 9.2020



Tritanopia

189.1020, -0.0470, 6.3610

Trichromacy



Original Color

189.2160, -0.3680, 6.6720

Protanomaly

188.7210, -3.3480, 5.6120

Deuteranomaly

189.8250, 2.2910, 8.0430

Tritanomaly

189.1020, -0.0470, 6.3610

Monochromacy



Original Color

189.2160, -0.3680, 6.6720

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.1680, -0.4130, 1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.2160, -0.3680, 6.6720 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(193, 185, 201)` looks like.

```
.text, #text, p{  
    color:rgb(193, 185, 201)  
}
```

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(193, 185, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 185, 201) }
```

Border

The CSS property to change the border of an element to YIQ 189.2160, -0.3680, 6.6720 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(193, 185, 201) }
```


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

```
.border{ border-color:rgb(193, 185, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 185, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 185, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 185, 201);  
box-shadow:4px 4px 4px 4px rgb(193, 185,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 189.2160, -0.3680, 6.6720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 185, 201) }
```

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

```
.background{ background-color: rgb(193,  
185, 201) }
```

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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