

Converting Colors

YIQ(189.8850, -7.1060, -3.3780)

Have a look what the booklet for
YIQ(189.8850, -7.1060, -3.3780)
contains.

YIQ(189.8850, -7.1060, -3.3780)	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(189.8850, -7.1060,
-3.3780)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C2C0
RGB	181, 194, 192
RGB Percent	71%, 76%, 75%
CMY	0.2902, 0.2392, 0.2471
CMYK	0.07, 0.00, 0.01, 0.24
HSL	171°, 10%, 74%
HSV	171°, 7%, 76%
XYZ	47.8608, 52.2142, 57.4210
YIQ	189.8850, -7.1060, -3.3780

Conversions

Conversions Part 2

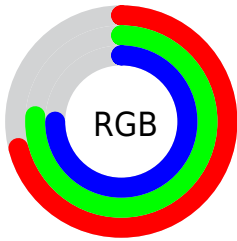
Format	Color
RYB	181, 188, 194
Decimal	11911872
CIELab	77.41, -4.84, -0.54
CIELCh	77, 4.867, 186.313
Yxy	52.2142, 0.3039, 0.3315
Android (android.graphics.Color)	4290101952 (0xFFB5C2C0)
YUV	189.8850, 1.0427, -7.7921
Hunter-Lab	72.2594, -8.2251, 3.4667

Details

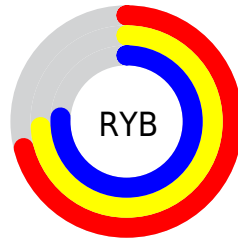
The YIQ color $189.8850, -7.1060, -3.3780$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $185.1150, 7.1060, 3.3780$, and the grayscale version is $190.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $245.8850, -7.1060, -3.3780$, and $136.2980, -6.8310, -2.8550$ is the 20% darker color. If you saturate the color by 10%, you get $183.8620, -17.4670, -8.3390$, and if you desaturate by 10%, it is $195.9080, 3.2550, 1.5830$.

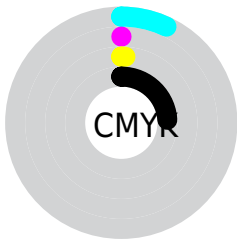
Distribution



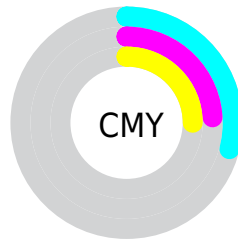
- Red (71%)
- Green (76%)
- Blue (75%)



- Red (71%)
- Yellow (74%)
- Blue (76%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (29%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 189.8850, -7.1060, -3.3780 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 189.8850, -7.1060, -3.3780 by changing the saturation by 10% instead.

■ 189.8850, -7.1060,
-3.3780

■ 189.8850, -7.1060,
-3.3780

255.0000, -0.0000,
-0.0000

■ 162.8850, -7.1060,
-3.3780

■ 245.8850, -7.1060,
-3.3780

■ 136.2980, -6.8310,
-2.8550

■ 111.1840, -6.5100,
-3.1660

■ 86.5970, -6.2350,
-2.6430

■ 63.4830, -5.9140,
-2.9540

■ 41.4830, -5.9140,
-2.9540

■ 20.5970, -6.2350,

-2.6430

■ 0.0000, 0.0000,
0.0000

■ 189.8850, -7.1060,
-3.3780

■ 189.8850, -7.1060,
-3.3780

■ 183.8620,
-17.4670, -8.3390

■ 195.9080, 3.2550,
1.5830

■ 177.5400,
-28.4240, -13.5120

■ 202.2300, 14.2120,
6.7560

■ 171.5170,
-38.7850, -18.4730

■ 208.2530, 24.5730,
11.7170

■ 165.1950,
-49.7420, -23.6460

■ 213.3790, 33.1460,
16.0420

■ 159.1720,
-60.1030, -28.6070

■ 213.7210, 32.1830,
16.9750

■ 153.1490,
-70.4640, -33.5680

■ 214.0630, 31.2200,
17.9080

■ 146.8270,
-81.4210, -38.7410

■ 214.4050, 30.2570,
18.8410

■ 140.8040,
-91.7820, -43.7020

■ 214.7470, 29.2940,
19.7740

■ 134.4820,
-102.7390, -48.8750

■ 215.0890, 28.3310,
20.7070

Harmonies

Analogous

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



190.2120, -3.7130, -4.2970



189.8850, -7.1060, -3.3780



190.3410, -8.3900, -2.1340

Triad

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



189.8850, -7.1060, -3.3780



191.8090, -0.7800, 3.1240



191.8930, 7.6110, -0.2690

Complementary

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



189.8850, -7.1060, -3.3780



185.1150, 7.1060, 3.3780

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.



192.2460, 8.1150, 1.6110



189.8850, -7.1060, -3.3780



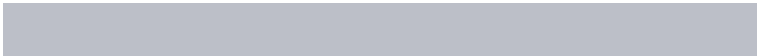
192.3750, 3.4380, 3.7740

Square

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



189.8850, -7.1060, -3.3780



191.1290, -4.6770, 2.1630



192.1150, 7.1060, 3.3780



190.8710, 4.6770, -2.1630

Rectangle

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



189.8850, -7.1060, -3.3780



190.3950, -8.4820, -0.4660



192.1150, 7.1060, 3.3780



191.7190, 8.1610, 0.7770

Sweetspot

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



189.8850, -7.1060, -3.3780



250.5050, -2.9800, -1.0600



189.2290, -2.3830, -6.3750



126.9890, -1.4670, -0.9470



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.



189.8850, -7.1060, -3.3780



245.6780, -10.9570, -5.1730



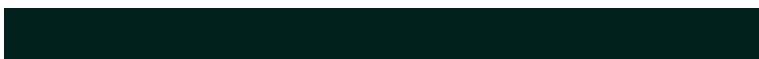
187.7650, -6.6480, -0.6640



93.7820, -5.3180, -2.7420



110.0110, -87.9310, -41.9070



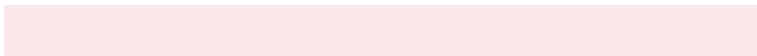
22.5630, -18.0630, -8.5510

Inverse Universe

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



185.1150, 7.1060, 3.3780



238.3220, 10.9570, 5.1730



187.2350, 6.6480, 0.6640



90.2180, 5.3180, 2.7420



50.9890, 87.9310, 41.9070



10.4370, 18.0630, 8.5510

Previews

White Background



This preview shows how the YIQ color 189.8850, -7.1060, -3.3780 looks on a white background.

Color Contrast Check

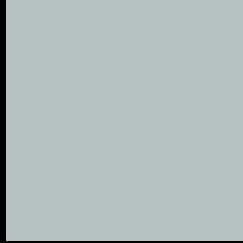
Large Text (above 18pt) WCAG AA × Fail

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 189.8850, -7.1060, -3.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

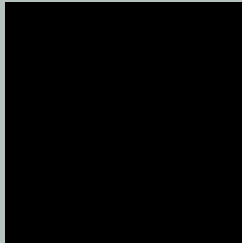
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

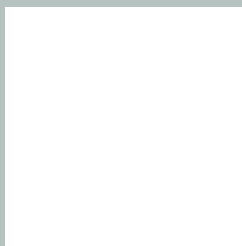
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 189.8850, -7.1060, -3.3780

Background



This preview shows how black text looks on a background with the YIQ color 189.8850, -7.1060, -3.3780.



This preview shows how white text looks on a background with the YIQ color 189.8850, -7.1060,

-3.3780.

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

189.8850, -7.1060, -3.3780

Protanopia

191.4950, 2.9800, 1.0600

Deuteranopia

192.9030, 10.8190, 7.6750



Tritanopia

191.0190, -10.1790, 2.7570

Trichromacy



Original Color

189.8850, -7.1060, -3.3780

Protanomaly

190.7010, -0.5960, -0.2120

Deuteranomaly

191.5600, 4.3550, 3.6750

Tritanomaly

190.7370, -9.4450, 0.4670

Monochromacy



Original Color

189.8850, -7.1060, -3.3780

Achromatopsia

190.0000, -0.0000, -0.0000

Achromatomaly

189.8040, -2.3840, -0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.8850, -7.1060, -3.3780 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(181, 194, 192)` looks like.

```
.text, #text, p{  
    color:rgb(181, 194, 192)  
}
```

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(181, 194, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 194, 192) }
```

Border

The CSS property to change the border of an element to YIQ 189.8850, -7.1060, -3.3780 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(181, 194, 192) }
```


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

```
.border{ border-color:rgb(181, 194, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 194, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 194, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 194, 192);  
box-shadow:4px 4px 4px 4px rgb(181, 194,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 189.8850, -7.1060, -3.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 194, 192) }
```

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

```
.background{ background-color: rgb(181,  
194, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor