

Converting Colors

YIQ(200.3880, -15.7720,
-0.5080)

Have a look what the booklet for
YIQ(200.3880, -15.7720, -0.5080)
contains.

YIQ(200.3880, -15.7720, -0.5080)	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(200.3880, -15.7720,
-0.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CDD9
RGB	185, 205, 217
RGB Percent	73%, 80%, 85%
CMY	0.2745, 0.1960, 0.1491
CMYK	0.15, 0.06, 0.00, 0.15
HSL	202°, 30%, 79%
HSV	202°, 15%, 85%
XYZ	54.3605, 58.9885, 74.1540
YIQ	200.3880, -15.7720, -0.5080

Conversions

Conversions Part 2

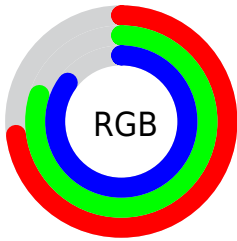
Format	Color
RYB	185, 197, 217
Decimal	12176857
CIELab	81.29, -4.30, -8.23
CIELCh	81, 9.284, 242.425
Yxy	58.9885, 0.2899, 0.3146
Android (android.graphics.Color)	4290366937 (0xFFB9CDD9)
YUV	200.3880, 8.1897, -13.4953
Hunter-Lab	76.8040, -8.0679, -3.4815

Details

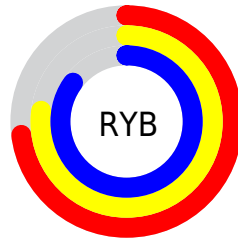
The YIQ color $200.3880, -15.7720, -0.5080$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $201.6120, 15.7720, 0.5080$, and the grayscale version is $200.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $250.8140, -8.3440, -2.9680$, and $146.5730, -14.8550, -0.6070$ is the 20% darker color. If you saturate the color by 10%, you get $189.1140, -26.6840, -0.9880$, and if you desaturate by 10%, it is $211.6620, -4.8600, -0.0280$.

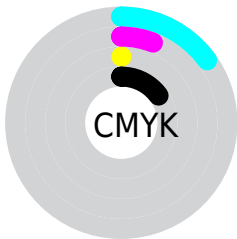
Distribution



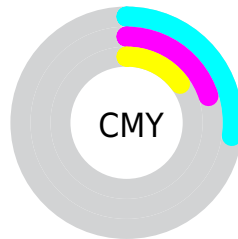
- Red (73%)
- Green (80%)
- Blue (85%)



- Red (73%)
- Yellow (77%)
- Blue (85%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (27%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 200.3880, -15.7720, -0.5080 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 200.3880, -15.7720, -0.5080 by changing the saturation by 10% instead.

■ 200.3880,
-15.7720, -0.5080

■ 200.3880,
-15.7720, -0.5080

255.0000, -0.0000,
-0.0000

■ 173.2740,
-15.4510, -0.8190

■ 250.8140, -8.3440,
-2.9680

■ 146.5730,
-14.8550, -0.6070

■ 120.5730,
-14.8550, -0.6070

■ 95.8720, -14.2590,
-0.3950

■ 71.7580, -13.9380,
-0.7060

■ 49.6440, -13.6170,
-1.0170

■ 27.6440, -13.6170,

-1.0170

■ 7.6770, -9.2160,
1.8240

■ 0.0000, 0.0000,
0.0000

■ 200.3880,
-15.7720, -0.5080

■ 200.3880,
-15.7720, -0.5080

■ 189.1140,
-26.6840, -0.9880

■ 211.6620, -4.8600,
-0.0280

■ 178.1390,
-37.0000, -1.2560

■ 222.6370, 5.4560,
0.2400

■ 166.8650,
-47.9120, -1.7360

■ 233.9110, 16.3680,
0.7200

■ 155.5910,
-58.8240, -2.2160

■ 240.1020, 17.1480,
-2.4040

■ 144.0290,
-68.8650, -1.9610

■ 245.3850, 14.6730,
-7.1110

■ 132.7550,
-79.7770, -2.4410

■ 250.0810, 12.4730,
-11.2950

■ 121.4810,
-90.6890, -2.9210

■ 250.6680, 12.1980,
-11.8180

■ 110.2070,
-101.6010, -3.4010

■ 104.5700,
-107.0570, -3.6410

Harmonies

Analogous

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



199.6820, -16.7800, -4.2680



200.3880, -15.7720, -0.5080



201.5460, -10.2250, 3.5910

Triad

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



200.3880, -15.7720, -0.5080



203.7460, 12.6990, 6.6430



200.5670, 2.4770, -6.3470

Complementary

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



200.3880, -15.7720, -0.5080



201.6120, 15.7720, 0.5080

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.



201.5680, 9.9040, -3.2800



200.3880, -15.7720, -0.5080



203.7200, 15.5880, 3.8440

Square

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



200.3880, -15.7720, -0.5080



203.5650, 5.9590, 7.6470



203.0140, 14.5800, 0.0840



199.5490, -6.2800, -7.3360

Rectangle

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



200.3880, -15.7720, -0.5080



202.3510, -5.1820, 5.8100



203.0140, 14.5800, 0.0840



200.7630, 4.8610, -5.4990

Sweetspot

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



200.3880, -15.7720, -0.5080



249.6620, -4.8600, -0.0280



205.1520, -12.6520, -13.0040



124.1460, -3.3470, 0.0850



0.0000, 0.0000, 0.0000



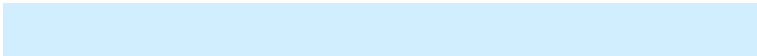
128.0000, -0.0000, -0.0000

Same Dimension

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



200.3880, -15.7720, -0.5080



231.2670, -22.7410, -0.8610



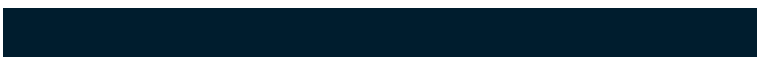
190.9960, -11.3720, 7.8600



104.3630, -5.4560, -0.2400



83.7050, -85.5080, -3.2040



22.2670, -22.7410, -0.8610

Inverse Universe

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



196.8480, 12.6520, 13.0040



226.0600, 18.1070, 18.7710



211.0040, 11.3720, -7.8600



103.0870, 4.3090, 4.5090



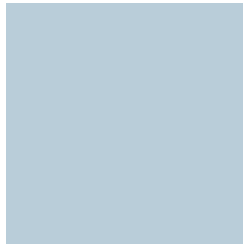
64.1530, 68.1190, 70.5750



17.0600, 18.1070, 18.7710

Previews

White Background



This preview shows how the YIQ color 200.3880, -15.7720, -0.5080 looks on a white background.

Color Contrast Check

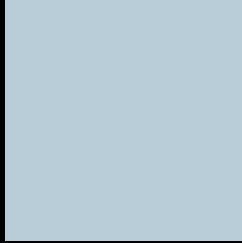
Large Text (above 18pt) WCAG AA × Fail

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 200.3880, -15.7720, -0.5080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

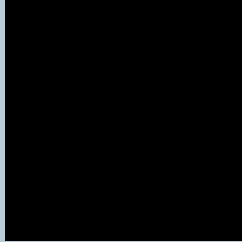
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

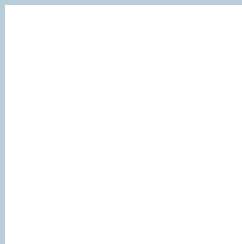
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 200.3880, -15.7720, -0.5080

Background



This preview shows how black text looks on a background with the YIQ color 200.3880, -15.7720, -0.5080.



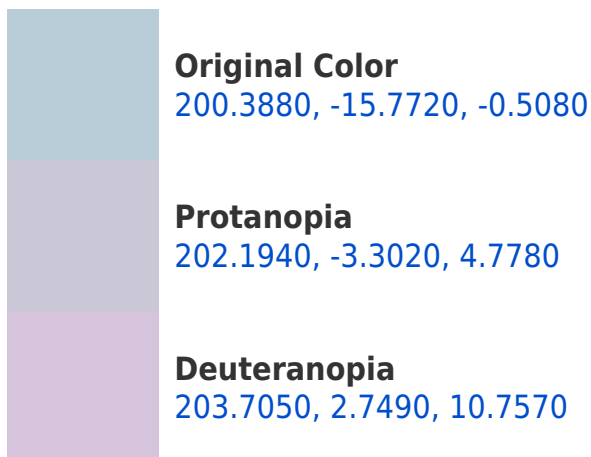
This preview shows how white text looks on a background with the YIQ color 200.3880, -15.7720, -0.5080.

-0.5080.

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





Tritanopia

200.5560, -16.1850, 1.4710

Trichromacy



Original Color

200.3880, -15.7720, -0.5080

Protanomaly

201.6880, -7.7490, 2.7710

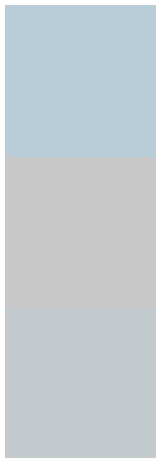
Deuteranomaly

202.3620, -3.7150, 6.7570

Tritanomaly

200.4420, -15.8640, 1.1600

Monochromacy



Original Color

200.3880, -15.7720, -0.5080

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.3630, -5.4560, -0.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 200.3880, -15.7720, -0.5080 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(185, 205, 217)` looks like.

```
.text, #text, p{  
    color:rgb(185, 205, 217)  
}
```

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(185, 205, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 205, 217) }
```

Border

The CSS property to change the border of an element to YIQ 200.3880, -15.7720, -0.5080 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(185, 205, 217) }
```


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

```
.border{ border-color:rgb(185, 205, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 205, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 205, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 205, 217);  
box-shadow:4px 4px 4px 4px rgb(185, 205,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 200.3880, -15.7720, -0.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 205, 217) }
```

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

```
.background{ background-color: rgb(185,  
205, 217) }
```

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