

Converting Colors

YIQ(206.8930, -18.7520,
-1.5680)

Have a look what the booklet for
YIQ(206.8930, -18.7520, -1.5680)
contains.

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Color

**YIQ(206.8930, -18.7520,
-1.5680)**

Conversions

Conversions Part 1

Format	Color
Hex	BCD5E1
RGB	188, 213, 225
RGB Percent	74%, 84%, 88%
CMY	0.2628, 0.1646, 0.1177
CMYK	0.16, 0.05, 0.00, 0.12
HSL	199°, 38%, 81%
HSV	199°, 16%, 88%
XYZ	58.1204, 63.7186, 80.4545
YIQ	206.8930, -18.7520, -1.5680

Conversions

Conversions Part 2

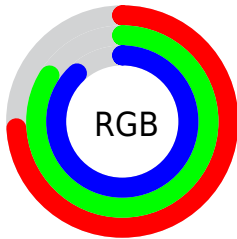
Format	Color
R_{YB}	188, 203, 225
Decimal	12375521
CIE _{Lab}	83.82, -5.86, -8.71
CIE _{LCh}	84, 10.499, 236.055
Yxy	63.7186, 0.2873, 0.3150
Android (android.graphics.Color)	4290565601 (0xFFBCD5E1)
YUV	206.8930, 8.9268, -16.5692
Hunter-Lab	79.8239, -9.7247, -3.8817

Details

The YIQ color **206.8930, -18.7520, -1.5680** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **206.1070, 18.7520, 1.5680**, and the grayscale version is **207.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **252.0100, -5.9600, -2.1200**, and **152.1920, -18.1560, -1.3560** is the 20% darker color. If you saturate the color by 10%, you get **195.9070, -30.5350, -2.7830**, and if you desaturate by 10%, it is **217.5800, -7.5650, -0.5650**.

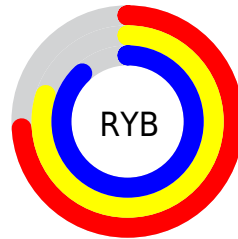
Distribution



Red (74%)

Green (84%)

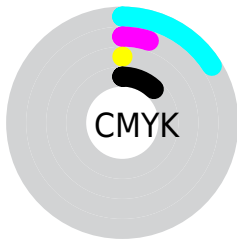
Blue (88%)



Red (74%)

Yellow (80%)

Blue (88%)

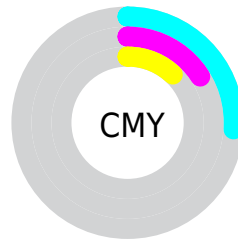


Cyan (16%)

Magenta (5%)

Yellow (0%)

Black (12%)



Cyan (26%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.8930, -18.7520, -1.5680 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 206.8930, -18.7520, -1.5680 by changing the saturation by 10% instead.

■ 206.8930,
-18.7520, -1.5680

■ 206.8930,
-18.7520, -1.5680

■ 255.0000, -0.0000,
-0.0000

■ 179.1920,
-18.1560, -1.3560

■ 251.7110, -6.5560,
-2.3320

■ 152.1920,
-18.1560, -1.3560

■ 126.3770,
-17.2390, -1.4550

■ 101.3770,
-17.2390, -1.4550

■ 77.2630, -16.9180,
-1.7660

■ 54.1490, -16.5970,
-2.0770

■ 32.1490, -16.5970,

-2.0770

■ 13.5300, -13.2960,
-1.3280

■ 0.0000, 0.0000,
0.0000

■ 206.8930,
-18.7520, -1.5680

■ 206.8930,
-18.7520, -1.5680

■ 195.9070,
-30.5350, -2.7830

■ 217.5800, -7.5650,
-0.5650

■ 184.6330,
-41.4470, -3.2630

■ 229.1530, 3.9430,
0.1270

■ 173.6470,
-53.2300, -4.4780

■ 239.8400, 15.1300,
1.1300

■ 162.9600,
-64.4170, -5.4810

■ 243.9490, 13.2050,
-2.5310

■ 151.9740,
-76.2000, -6.6960

■ 248.0580, 11.2800,
-6.1920

■ 140.7000,
-87.1120, -7.1760

■ 251.5800, 9.6300,
-9.3300

■ 130.0130,
-98.2990, -8.1790

■ 119.0270,
-110.0820, -9.3940

■ 114.8740,
-114.0250, -9.5210

Harmonies

Analogous

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



206.2580, -18.5220, -5.7380



206.8930, -18.7520, -1.5680



208.1650, -13.5260, 2.8420

Triad

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



206.8930, -18.7520, -1.5680



210.8000, 12.6070, 8.3110



207.8230, 4.6320, -6.8560

Complementary

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



206.8930, -18.7520, -1.5680



206.1070, 18.7520, 1.5680

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.



209.1230, 12.6550, -3.5770



206.8930, -18.7520, -1.5680



211.1440, 17.3300, 5.3140

Square

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



206.8930, -18.7520, -1.5680



210.9070, 4.9960, 8.5800



210.2100, 16.9640, 0.9320



206.7940, -5.5920, -8.7920

Rectangle

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



206.8930, -18.7520, -1.5680



209.3830, -8.2080, 5.5840



210.2100, 16.9640, 0.9320



208.3180, 7.6120, -5.7960

Sweetspot

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



206.8930, -18.7520, -1.5680



248.7650, -6.6480, -0.6640



211.0870, -14.0270, -15.6190



123.8470, -3.9430, -0.1270



0.0000, 0.0000, 0.0000



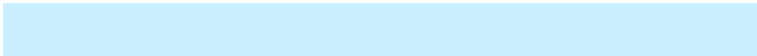
128.0000, -0.0000, -0.0000

Same Dimension

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



206.8930, -18.7520, -1.5680



230.3590, -25.9960, -2.4440



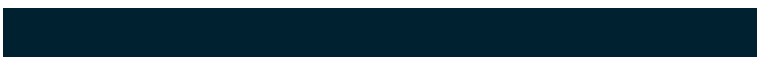
196.3270, -13.8020, 7.8460



106.9500, -5.7310, -0.7630



89.9170, -89.2210, -7.5010



24.8430, -24.4830, -2.3310

Inverse Universe

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



201.9130, 14.0270, 15.6190



223.2390, 19.1610, 21.6970



216.6730, 13.8020, -7.8460



105.2010, 3.9880, 4.8200



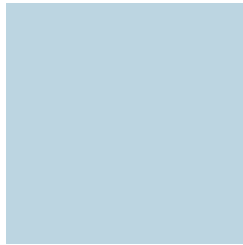
66.1900, 66.6970, 74.3210



18.1140, 18.0150, 20.4390

Previews

White Background



This preview shows how the YIQ color 206.8930, -18.7520, -1.5680 looks on a white background.

Color Contrast Check

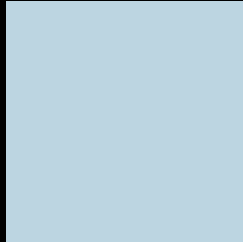
Large Text (above 18pt) WCAG AA × Fail

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 206.8930, -18.7520, -1.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

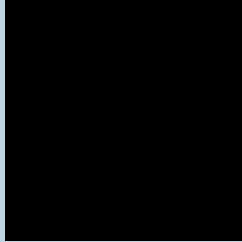
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 206.8930, -18.7520, -1.5680

Background



This preview shows how black text looks on a background with the YIQ color 206.8930, -18.7520, -1.5680.



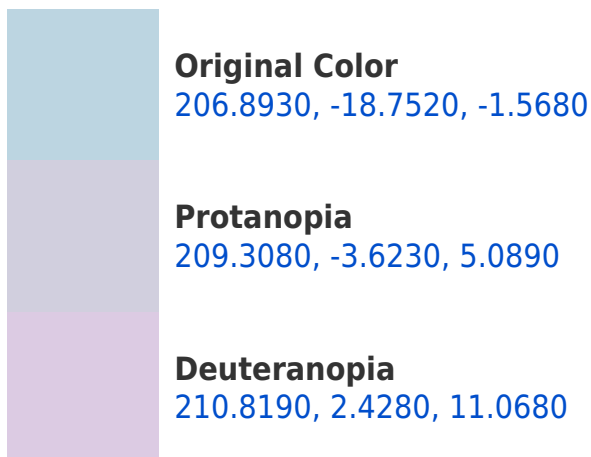
This preview shows how white text looks on a background with the YIQ color 206.8930, -18.7520, -1.5680.

-1.5680.

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

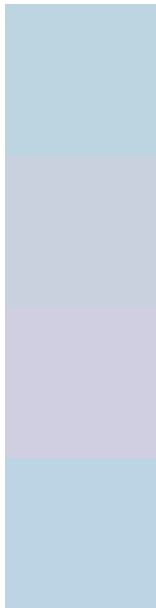




Tritanopia

207.0610, -19.1650, 0.4110

Trichromacy



Original Color

206.8930, -18.7520, -1.5680

Protanomaly

208.2040, -9.2620, 2.6580

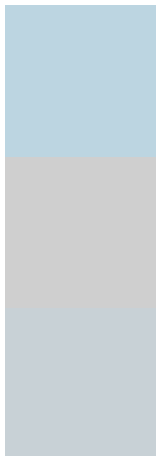
Deuteranomaly

209.4650, -5.5030, 6.1210

Tritanomaly

206.9470, -18.8440, 0.1000

Monochromacy



Original Color

206.8930, -18.7520, -1.5680

Achromatopsia

207.0000, 0.0000, -0.0000

Achromatomaly

206.8790, -6.9690, -0.3530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.8930, -18.7520, -1.5680 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(188, 213, 225)` looks like.

```
.text, #text, p{  
    color:rgb(188, 213, 225)  
}
```

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(188, 213, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 213, 225) }
```

Border

The CSS property to change the border of an element to YIQ 206.8930, -18.7520, -1.5680 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(188, 213, 225) }
```


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

```
.border{ border-color:rgb(188, 213, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 213, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 213, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 213, 225);  
box-shadow:4px 4px 4px 4px rgb(188, 213,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 206.8930, -18.7520, -1.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 213, 225) }
```

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

```
.background{ background-color: rgb(188,  
213, 225) }
```

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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