

Converting Colors

YIQ(165.2130, -58.1800,
-13.8920)

Have a look what the booklet for
YIQ(165.2130, -58.1800, -13.8920)
contains.

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Color

**YIQ(165.2130, -58.1800,
-13.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	65BECE
RGB	101, 190, 206
RGB Percent	40%, 75%, 81%
CMY	0.6041, 0.2547, 0.1924
CMYK	0.51, 0.08, 0.00, 0.19
HSL	189°, 52%, 60%
HSV	189°, 51%, 81%
XYZ	34.9157, 44.0601, 65.0172
YIQ	165.2130, -58.1800, -13.8920

Conversions

Conversions Part 2

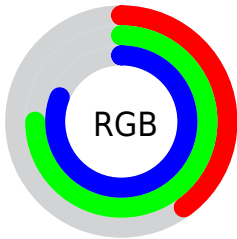
Format	Color
RYB	101, 149, 206
Decimal	6667982
CIELab	72.27, -22.37, -16.23
CIELCh	72, 27.641, 215.957
Yxy	44.0601, 0.2425, 0.3060
Android (android.graphics.Color)	4284858062 (0xFF65BECE)
YUV	165.2130, 20.1080, -56.3148
Hunter-Lab	66.3778, -22.2675, -11.6103

Details

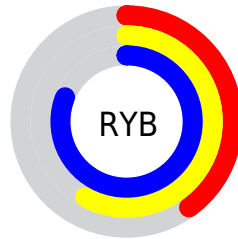
The YIQ color **165.2130, -58.1800, -13.8920** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **141.7870, 58.1800, 13.8920**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.6000, -55.0160, -16.1680**, and **108.2230, -64.1400, -16.0120** is the 20% darker color. If you saturate the color by 10%, you get **157.1730, -69.8710, -16.7750**, and if you desaturate by 10%, it is **173.2530, -46.4890, -11.0090**.

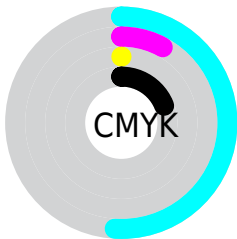
Distribution



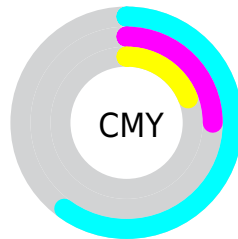
- Red (40%)
- Green (75%)
- Blue (81%)



- Red (40%)
- Yellow (58%)
- Blue (81%)



- Cyan (51%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.2130, -58.1800, -13.8920 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 165.2130, -58.1800, -13.8920 by changing the saturation by 10% instead.

■ 165.2130,
-58.1800, -13.8920

■ 165.2130,
-58.1800, -13.8920

■ 255.0000, -0.0000,
-0.0000

■ 137.2020,
-59.6470, -14.8390

■ 221.6000,
-55.0160, -16.1680

■ 108.2230,
-64.1400, -16.0120

■ 234.9670,
-39.9320, -14.2040

■ 79.5210, -70.9710,
-18.8670

■ 243.6380,
-22.6480, -8.0560

■ 61.9960, -56.0710,
-13.5670

■ 252.6080, -4.7680,
-1.6960

■ 45.7590, -42.0420,
-9.0020

■ 29.6360, -28.3340,
-4.1260

■ 13.1540, -14.9930,

1.8950

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 165.2130,
-58.1800, -13.8920

■ 165.2130,
-58.1800, -13.8920

■ 157.1730,
-69.8710, -16.7750

■ 173.2530,
-46.4890, -11.0090

■ 149.4320,
-80.9660, -19.4460

■ 180.9940,
-35.3940, -8.3380

■ 141.3920,
-92.6570, -22.3290

■ 189.0340,
-23.7030, -5.4550

■ 133.6510,
-103.7520, -25.0000

■ 197.3620,
-12.8830, -3.3070

■ 126.2090,
-114.2510, -27.4590

■ 205.4020, -1.1920,
-0.4240

■ 213.4420, 10.4990,
2.4590

■ 221.1830, 21.5940,
5.1300

■ 225.9340, 26.7290,
5.6810

■ 227.6950, 25.9040,
4.1120

Harmonies

Analogous

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



165.4560, -45.9830, -20.1830



165.2130, -58.1800, -13.8920



169.5980, -51.5340, -2.1740

Triad

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



165.2130, -58.1800, -13.8920



181.6520, 19.4360, 22.2200



175.1870, 23.7980, -12.7940

Complementary

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



165.2130, -58.1800, -13.8920



141.7870, 58.1800, 13.8920

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.



177.9380, 38.1010, -2.1790



165.2130, -58.1800, -13.8920



180.9280, 36.0340, 18.7700

Square

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



165.2130, -58.1800, -13.8920



180.2670, -4.4050, 19.2670



179.6540, 42.3170, 9.5250



172.8360, 2.6170, -19.9030

Rectangle

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



165.2130, -58.1800, -13.8920



174.2840, -38.6060, 5.8260



179.6540, 42.3170, 9.5250



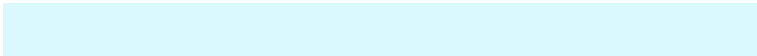
176.1170, 29.9870, -9.3170

Sweetspot

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



165.2130, -58.1800, -13.8920



240.1160, -20.9980, -4.9180



164.4590, -34.0110, -49.9390



118.7750, -12.6080, -2.7840



0.0000, 0.0000, 0.0000



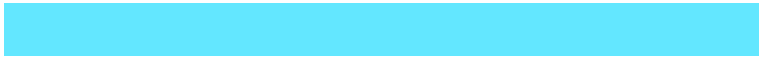
128.0000, -0.0000, -0.0000

Same Dimension

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



165.2130, -58.1800, -13.8920



194.2680, -86.3760, -20.5200



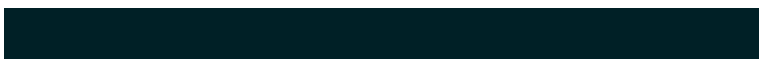
134.6890, -43.8800, 13.3040



97.8360, -5.4100, -1.0740



101.6910, -92.0610, -22.1170



23.1160, -20.9980, -4.9180

Inverse Universe

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



142.5410, 34.0110, 49.9390



160.6920, 50.6040, 74.1240



172.3110, 43.8800, -13.3040



95.9020, 3.3920, 4.6080



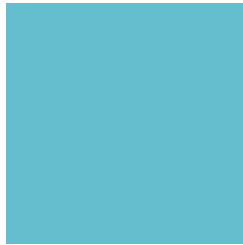
65.7080, 53.6750, 79.0430



15.0100, 12.3760, 18.0080

Previews

White Background



This preview shows how the YIQ color 165.2130, -58.1800, -13.8920 looks on a white background.

Color Contrast Check

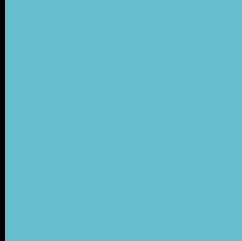
Large Text (above 18pt) WCAG AA × Fail

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 165.2130, -58.1800, -13.8920 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 165.2130, -58.1800, -13.8920 Background



This preview shows how black text looks on a background with the YIQ color 165.2130, -58.1800, -13.8920.



This preview shows how white text looks on a background with the YIQ color 165.2130, -58.1800, -13.8920.

-13.8920.

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

165.2130, -58.1800, -13.8920

Protanopia

176.7960, -7.9330, 6.1070

Deuteranopia

177.8270, -9.2180, 12.8780



Tritanopia

165.0990, -57.8590, -14.2030

Trichromacy



Original Color

165.2130, -58.1800, -13.8920

Protanomaly

172.4130, -26.0880, -0.7760

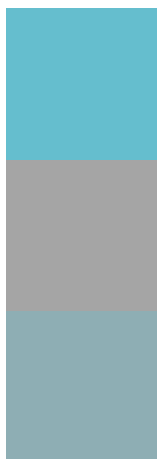
Deuteranomaly

173.4500, -27.5100, 2.9700

Tritanomaly

165.0990, -57.8590, -14.2030

Monochromacy



Original Color

165.2130, -58.1800, -13.8920

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.1160, -20.9980, -4.9180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.2130, -58.1800, -13.8920 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(101, 190, 206)` looks like.

```
.text, #text, p{  
    color:rgb(101, 190, 206)  
}
```

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(101, 190, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 190, 206) }
```

Border

The CSS property to change the border of an element to YIQ 165.2130, -58.1800, -13.8920 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(101, 190, 206) }
```


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

```
.border{ border-color:rgb(101, 190, 206) }
```

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

Here you see how a box with a 4 pixel rgb(101, 190, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 190, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 190, 206);  
box-shadow:4px 4px 4px 4px rgb(101, 190,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 165.2130, -58.1800, -13.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 190, 206) }
```

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

```
.background{ background-color: rgb(101,  
190, 206) }
```

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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