

Converting Colors

YIQ(166.8700, -64.6440,
-17.8920)

Have a look what the booklet for
YIQ(166.8700, -64.6440, -17.8920)
contains.

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Color

**YIQ(166.8700, -64.6440,
-17.8920)**

Conversions

Conversions Part 1

Format	Color
Hex	5EC4D0
RGB	94, 196, 208
RGB Percent	37%, 77%, 82%
CMY	0.6316, 0.2312, 0.1846
CMYK	0.55, 0.06, 0.00, 0.18
HSL	186°, 55%, 59%
HSV	186°, 55%, 82%
XYZ	35.7364, 46.4265, 66.7085
YIQ	166.8700, -64.6440, -17.8920

Conversions

Conversions Part 2

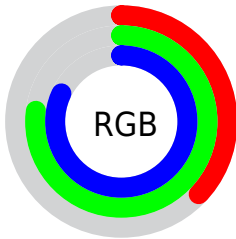
Format	Color
RYB	94, 148, 208
Decimal	6210768
CIELab	73.82, -26.28, -15.00
CIELCh	74, 30.262, 209.715
Yxy	46.4265, 0.2400, 0.3119
Android (android.graphics.Color)	4284400848 (0xFF5EC4D0)
YUV	166.8700, 20.2771, -63.9070
Hunter-Lab	68.1370, -25.6203, -10.3511

Details

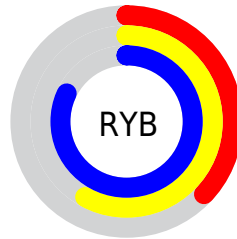
The YIQ color **166.8700, -64.6440, -17.8920** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **135.1300, 64.6440, 17.8920**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.3280, -60.2420, -20.5780**, and **106.8900, -76.5640, -22.1320** is the 20% darker color. If you saturate the color by 10%, you get **159.4170, -76.6100, -21.2980**, and if you desaturate by 10%, it is **174.3230, -52.6780, -14.4860**.

Distribution



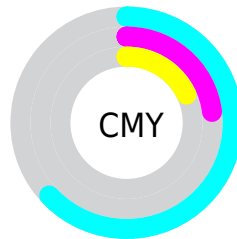
- Red (37%)
- Green (77%)
- Blue (82%)



- Red (37%)
- Yellow (58%)
- Blue (82%)



- Cyan (55%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (63%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.8700, -64.6440, -17.8920 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 166.8700, -64.6440, -17.8920 by changing the saturation by 10% instead.

■ 166.8700,
-64.6440, -17.8920

■ 166.8700,
-64.6440, -17.8920

■ 255.0000, -0.0000,
-0.0000

■ 138.2610,
-67.3030, -19.2630

■ 223.3280,
-60.2420, -20.5780

■ 106.8900,
-76.5640, -22.1320

■ 233.1730,
-43.5080, -15.4760

■ 82.6840, -72.9880,
-20.8600

■ 242.1430,
-25.6280, -9.1160

■ 65.1590, -58.0880,
-15.5600

■ 251.1130, -7.7480,
-2.7560

■ 48.3350, -43.7840,
-10.4720

■ 32.2120, -30.0760,
-5.5960

■ 17.3770, -17.2390,

-1.4550

■ 1.2540, -3.5310,
3.4210

■ 0.0000, 0.0000,
0.0000

■ 166.8700,
-64.6440, -17.8920

■ 166.8700,
-64.6440, -17.8920

■ 159.4170,
-76.6100, -21.2980

■ 174.3230,
-52.6780, -14.4860

■ 151.9640,
-88.5760, -24.7040

■ 181.7760,
-40.7120, -11.0800

■ 144.8100,
-99.9460, -27.8980

■ 189.5170,
-29.6170, -8.4090

■ 136.7700,
-111.6370, -30.7810

■ 196.9700,
-17.6510, -5.0030

■ 132.8940,
-117.9180, -32.5900

■ 204.4230, -5.6850,
-1.5970

■ 211.8760, 6.2810,
1.8090

■ 219.0300, 17.6510,
5.0030

■ 224.9880, 26.6370,
7.3490

■ 226.7490, 25.8120,
5.7800

Harmonies

Analogous

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



169.0490, -46.3950, -23.7310



166.8700, -64.6440, -17.8920



171.1020, -61.9410, -6.3010

Triad

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



166.8700, -64.6440, -17.8920



185.6780, 16.5470, 25.0190



180.1230, 29.8500, -12.3420

Complementary

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



166.8700, -64.6440, -17.8920



135.1300, 64.6440, 17.8920

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.



182.0420, 43.7400, 0.2520



166.8700, -64.6440, -17.8920



185.3350, 36.4460, 22.3180

Square

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



166.8700, -64.6440, -17.8920



183.6730, -11.4200, 19.7480



183.9150, 46.0760, 12.9880



176.9460, 8.1190, -20.4970

Rectangle

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



166.8700, -64.6440, -17.8920



176.0270, -48.1880, 3.2680



183.9150, 46.0760, 12.9880



180.5800, 35.9930, -8.0310

Sweetspot

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



166.8700, -64.6440, -17.8920



240.3930, -23.3360, -6.6000



162.1720, -34.8810, -56.2010



118.7640, -14.0750, -3.7310



0.0000, 0.0000, 0.0000



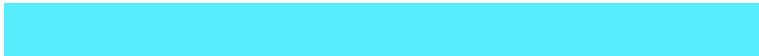
128.0000, -0.0000, -0.0000

Same Dimension

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



166.8700, -64.6440, -17.8920



194.2020, -95.1780, -26.2020



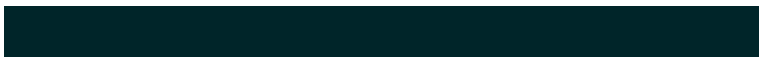
133.9980, -49.2440, 11.3960



100.5370, -6.0060, -1.2860



107.7890, -95.4530, -26.7250



26.3930, -23.3360, -6.6000

Inverse Universe

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



139.7140, 35.2020, 55.8900



154.3320, 51.9780, 82.2660



168.0020, 49.2440, -11.3960



98.3150, 3.6670, 5.1310



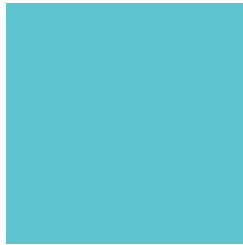
67.4460, 51.6570, 82.5770



16.4770, 12.5590, 20.1990

Previews

White Background



This preview shows how the YIQ color 166.8700, -64.6440, -17.8920 looks on a white background.

Color Contrast Check

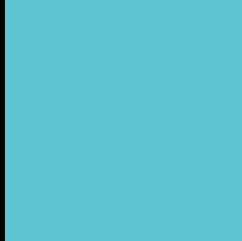
Large Text (above 18pt) WCAG AA × Fail

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 166.8700, -64.6440, -17.8920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

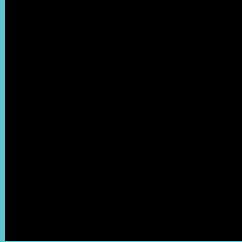
Any Text WCAG AA ✓ Pass

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 166.8700, -64.6440, -17.8920 Background



This preview shows how black text looks on a background with the YIQ color 166.8700, -64.6440, -17.8920.

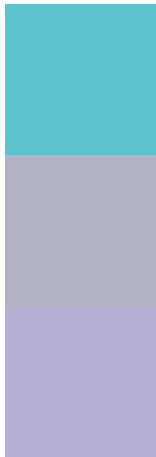


This preview shows how white text looks on a background with the YIQ color 166.8700, -64.6440, -17.8920.

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

166.8700, -64.6440, -17.8920

Protanopia

181.0520, -5.7780, 5.5980

Deuteranopia

181.8980, -7.9800, 12.4680



Tritanopia

167.5110, -65.0110, -16.7470

Trichromacy



Original Color

166.8700, -64.6440, -17.8920

Protanomaly

175.7610, -27.1880, -2.8680

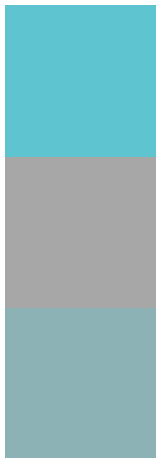
Deuteranomaly

176.3250, -28.6560, 1.7120

Tritanomaly

167.3970, -64.6900, -17.0580

Monochromacy



Original Color

166.8700, -64.6440, -17.8920

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

167.0940, -23.9320, -6.8120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.8700, -64.6440, -17.8920 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(94, 196, 208)` looks like.

```
.text, #text, p{  
    color:rgb(94, 196, 208)  
}
```

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(94, 196, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 196, 208) }
```

Border

The CSS property to change the border of an element to YIQ 166.8700, -64.6440, -17.8920 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(94, 196, 208) }
```


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

```
.border{ border-color:rgb(94, 196, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 196, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 196, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 196, 208);  
box-shadow:4px 4px 4px 4px rgb(94, 196,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 166.8700, -64.6440, -17.8920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 196, 208) }
```

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

```
.background{ background-color: rgb(94, 196,  
208) }
```

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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