

Converting Colors

YUV(166.3810, 18.5462,
-68.7401)

Have a look what the booklet for
YUV(166.3810, 18.5462, -68.7401)
contains.

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Color

**YUV(166.3810, 18.5462,
-68.7401)**

Conversions

Conversions Part 1

Format	Color
Hex	58C7CC
RGB	88, 199, 204
RGB Percent	35%, 78%, 80%
CMY	0.6549, 0.2196, 0.2000
CMYK	0.57, 0.02, 0.00, 0.20
HSL	183°, 53%, 57%
HSV	183°, 57%, 80%
XYZ	35.3470, 47.2812, 64.3899
YIQ	166.3810, -67.7610, -21.9770

Conversions

Conversions Part 2

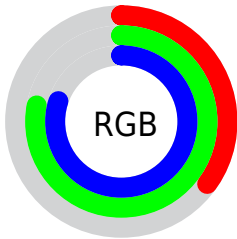
Format	Color
RYB	88, 145, 204
Decimal	5818316
CIELab	74.37, -29.96, -12.06
CIELCh	74, 32.298, 201.934
Yxy	47.2812, 0.2404, 0.3216
Android (android.graphics.Color)	4284008396 (0xFF58C7CC)
YUV	166.3810, 18.5462, -68.7401
Hunter-Lab	68.7613, -28.5737, -7.3878

Details

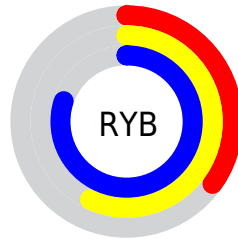
The YUV color **166.3810, 18.5462, -68.7401** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **125.6190, -18.5462, 68.7401**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.0070, 15.7725, -65.7811**, and **102.2150, 23.5580, -89.6426** is the 20% darker color. If you saturate the color by 10%, you get **159.8140, 21.7837, -80.5209**, and if you desaturate by 10%, it is **172.9480, 15.3086, -56.9594**.

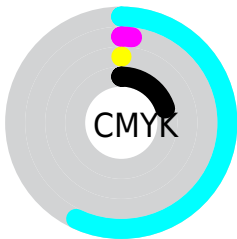
Distribution



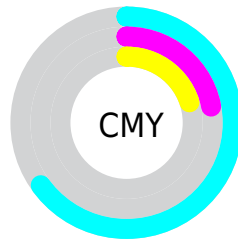
- Red (35%)
- Green (78%)
- Blue (80%)



- Red (35%)
- Yellow (57%)
- Blue (80%)



- Cyan (57%)
- Magenta (2%)
- Yellow (0%)
- Black (20%)



- Cyan (65%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.3810, 18.5462, -68.7401 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 YUV color 166.3810, 18.5462, -68.7401 by changing the saturation by 10% instead.

■ 166.3810, 18.5462,
-68.7401

■ 166.3810, 18.5462,
-68.7401

■ 255.0000, 0.0000,
0.0000

■ 137.0000, 19.7200,
-71.9140

■ 223.0070, 15.7725,
-65.7811

■ 102.2150, 23.5580,
-89.6426

■ 231.9770, 11.3503,
-47.3378

■ 83.9890, 19.7254,
-73.6584

■ 240.6480, 7.0755,
-29.5093

■ 66.4640, 16.0402,
-58.2889

■ 249.6180, 2.6533,
-11.0660

■ 49.0530, 12.7919,
-43.0195

■ 33.0440, 9.8383,
-28.9796

■ 18.3230, 6.7428,

-16.0693

■ 0.6840, 2.6208,
-0.5999

■ 0.0000, 0.0000,
0.0000

■ 166.3810, 18.5462,
-68.7401

■ 166.3810, 18.5462,
-68.7401

■ 159.8140, 21.7837,
-80.5209

■ 172.9480, 15.3086,
-56.9594

■ 152.9480, 25.1686,
-92.9164

■ 179.8140, 11.9237,
-44.5639

■ 146.3810, 28.4062,
-104.6971

■ 186.3810, 8.6862,
-32.7831

■ 139.5150, 31.7911,
-117.0927

■ 193.2470, 5.3012,
-20.3876

■ 137.7210, 32.6755,
-120.7813

■ 199.2270, 2.3531,
-8.0921

■ 205.7940, -0.8844,
3.6887

■ 212.6600, -4.2694,
16.0842

■ 219.2270, -7.5069,
27.8649

■ 221.0100, -8.3859,
29.8092

Harmonies

Analogous

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



170.4360, 1.7571, -50.3714



166.3810, 18.5462, -68.7401



168.9760, 29.5918, -64.8770

Triad

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



166.3810, 18.5462, -68.7401



187.3830, 16.0802, 22.4661



181.7110, -28.4515, 25.6865

Complementary

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



166.3810, 18.5462, -68.7401



125.6190, -18.5462, 68.7401

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.



183.9010, -23.1222, 43.0598



166.3810, 18.5462, -68.7401



186.9590, 2.4852, 43.0090

Square

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



166.3810, 18.5462, -68.7401



184.2420, 26.5027, -7.2282



185.9200, -11.7926, 49.1822



178.9530, -25.6128, 1.7952

Rectangle

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



166.3810, 18.5462, -68.7401



174.6450, 31.7270, -49.6777



185.9200, -11.7926, 49.1822



182.6840, -27.4522, 31.8491

Sweetspot

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



166.3810, 18.5462, -68.7401



240.9690, 6.9173, -25.4058



156.5480, -31.8222, -60.1166



119.0520, 4.4114, -14.9546



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.



166.3810, 18.5462, -68.7401



199.1640, 27.5271, -102.7528



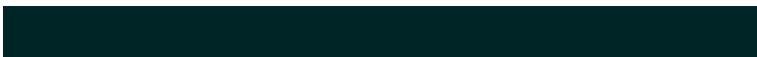
132.9220, 35.0415, -39.3966



99.0100, 1.4741, -6.1478



112.2570, 26.4953, -98.4494



26.0510, 5.8909, -22.8467

Inverse Universe

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



135.3380, 31.3854, 60.2166



152.6510, 47.0071, 89.7601



159.0780, -35.0415, 39.3966



96.1300, 2.8939, 5.1480



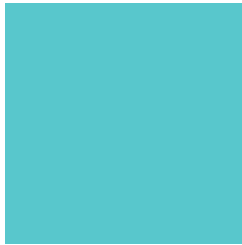
67.7600, 44.9813, 86.1565



15.5800, 10.5601, 19.6623

Previews

White Background



This preview shows how the YUV color 166.3810, 18.5462, -68.7401 looks on a white background.

Color Contrast Check

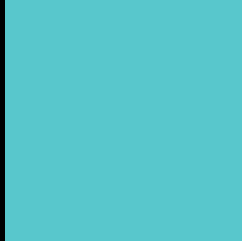
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 166.3810, 18.5462, -68.7401 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

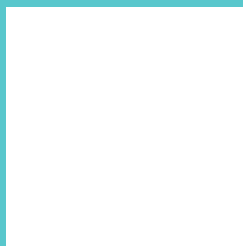
Any Text WCAG AAA ✓ Pass

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

YUV 166.3810, 18.5462, -68.7401 Background



This preview shows how black text looks on a background with the YUV color 166.3810, 18.5462, -68.7401.

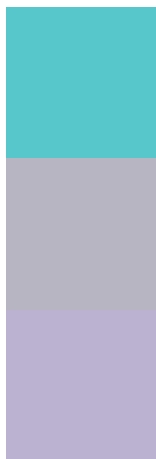


This preview shows how white text looks on a background with the YUV color 166.3810, 18.5462, -68.7401.

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

166.3810, 18.5462, -68.7401

Protanopia

182.6670, 5.0942, -0.5850

Deuteranopia

183.6380, 12.5035, 2.9485



Tritanopia

168.1300, 22.6139, -66.7660

Trichromacy



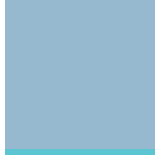
Original Color

166.3810, 18.5462, -68.7401



Protanomaly

177.0660, 9.8275, -25.4909



Deuteranomaly

177.3420, 14.6214, -23.1019



Tritanomaly

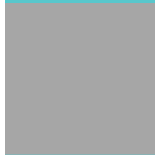
167.3750, 21.0141, -66.9809

Monochromacy



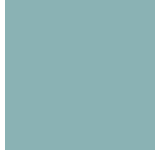
Original Color

166.3810, 18.5462, -68.7401



Achromatopsia

166.0000, 0.0000, 0.0000



Achromatomaly

166.2680, 6.7699, -24.7910

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.3810, 18.5462, -68.7401 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(88, 199, 204)` looks like.

```
.text, #text, p{  
    color:rgb(88, 199, 204)  
}
```

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(88, 199, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 199, 204) }
```

Border

The CSS property to change the border of an element to YUV 166.3810, 18.5462, -68.7401 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(88, 199, 204) }
```


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

```
.border{ border-color:rgb(88, 199, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 199, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 199, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 199, 204);  
box-shadow:4px 4px 4px 4px rgb(88, 199,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 166.3810, 18.5462, -68.7401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 199, 204) }
```

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

```
.background{ background-color: rgb(88, 199,  
204) }
```

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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