

Converting Colors

YUV(164.9590, 11.8522,
-68.3700)

Have a look what the booklet for
YUV(164.9590, 11.8522, -68.3700)
contains.

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Color

**YUV(164.9590, 11.8522,
-68.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	57C8BD
RGB	87, 200, 189
RGB Percent	34%, 78%, 74%
CMY	0.6588, 0.2157, 0.2588
CMYK	0.56, 0.00, 0.05, 0.22
HSL	174°, 51%, 56%
HSV	174°, 56%, 78%
XYZ	33.7701, 47.0089, 55.4379
YIQ	164.9590, -63.8170, -27.3770

Conversions

Conversions Part 2

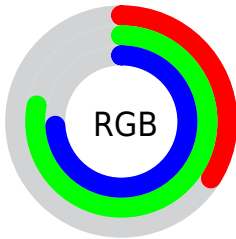
Format	Color
RYB	87, 146, 200
Decimal	5753021
CIELab	74.20, -34.64, -4.19
CIELCh	74, 34.892, 186.902
Yxy	47.0089, 0.2479, 0.3451
Android (android.graphics.Color)	4283943101 (0xFF57C8BD)
YUV	164.9590, 11.8522, -68.3700
Hunter-Lab	68.5630, -32.0669, 0.0541

Details

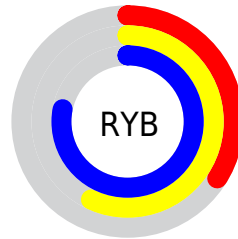
The YUV color **164.9590, 11.8522, -68.3700** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **122.0410, -11.8522, 68.3700**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2690, 11.6994, -66.0109**, and **100.6190, 17.4428, -88.2429** is the 20% darker color. If you saturate the color by 10%, you get **158.7510, 13.9268, -80.4656**, and if you desaturate by 10%, it is **171.1670, 9.7777, -56.2745**.

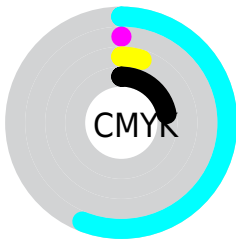
Distribution



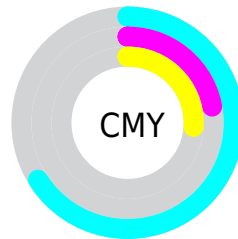
- Red (34%)
- Green (78%)
- Blue (74%)



- Red (34%)
- Yellow (57%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.9590, 11.8522, -68.3700 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 164.9590, 11.8522, -68.3700 by changing the saturation by 10% instead.

■ 164.9590, 11.8522,
-68.3700

■ 164.9590, 11.8522,
-68.3700

■ 255.0000, 0.0000,
0.0000

■ 135.5780, 13.0260,
-71.5439

■ 221.2690, 11.6994,
-66.0109

■ 100.6190, 17.4428,
-88.2429

■ 231.3790, 11.6452,
-48.5674

■ 82.3930, 13.6103,
-72.2587

■ 240.0500, 7.3704,
-30.7388

■ 64.9820, 10.3619,
-56.9892

■ 249.0200, 2.9481,
-12.2955

■ 48.2720, 7.2609,
-42.3345

■ 31.6760, 4.5967,
-27.7799

■ 16.4820, 2.2274,

-14.4547

■ 0.0000, 0.0000,
0.0000

■ 164.9590, 11.8522,
-68.3700

■ 164.9590, 11.8522,
-68.3700

■ 158.7510, 13.9268,
-80.4656

■ 171.1670, 9.7777,
-56.2745

■ 152.5430, 16.0013,
-92.5612

■ 177.3750, 7.7031,
-44.1789

■ 146.3350, 18.0758,
-104.6568

■ 183.5830, 5.6286,
-32.0833

■ 140.1270, 20.1504,
-116.7524

■ 189.7910, 3.5540,
-19.9877

■ 138.0340, 21.1822,
-121.0558

■ 195.9990, 1.4795,
-7.8921

■ 202.2070, -0.5951,
4.2035

■ 208.4150, -2.6696,
16.2990

■ 214.6230, -4.7441,
28.3946

■ 217.2430, -5.0498,
33.1129

Harmonies

Analogous

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



171.0860, -7.4374, -41.2944



164.9590, 11.8522, -68.3700



162.5350, 28.3302, -80.2762

Triad

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



164.9590, 11.8522, -68.3700



186.2440, 23.5437, 8.5560



182.3750, -28.7789, 37.3821

Complementary

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



164.9590, 11.8522, -68.3700



122.0410, -11.8522, 68.3700

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.



184.2810, -19.3655, 51.4966



164.9590, 11.8522, -68.3700



187.2770, 10.2164, 36.5911

Square

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



164.9590, 11.8522, -68.3700



180.3150, 32.3827, -26.5863



186.0650, -4.9620, 51.6860



179.7760, -30.4556, 15.1054

Rectangle

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



164.9590, 11.8522, -68.3700



167.2680, 33.3919, -70.3950



186.0650, -4.9620, 51.6860



183.1030, -26.1798, 43.7597

Sweetspot

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



164.9590, 11.8522, -68.3700



241.6870, 4.5913, -26.0355



156.6200, -34.3227, -51.4097



119.8840, 2.5222, -15.6843



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.



164.9590, 11.8522, -68.3700



201.3350, 18.0758, -104.6568



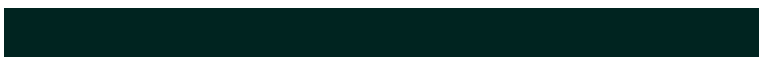
139.7980, 29.6796, -46.3038



96.1950, 0.8899, -5.4330



112.4390, 17.0386, -98.6090



24.7800, 3.5595, -21.7321

Inverse Universe

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



122.0410, -11.8522, 68.3700



135.5510, -18.5126, 104.7568



147.2020, -29.6796, 46.3038



92.6910, -1.3267, 5.5330



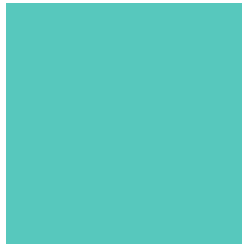
50.5610, -17.0386, 98.6090



11.1060, -3.9963, 21.8320

Previews

White Background



This preview shows how the YUV color 164.9590, 11.8522, -68.3700 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 164.9590, 11.8522, -68.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

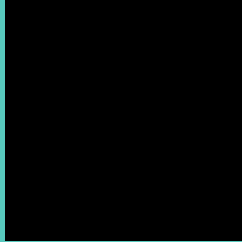
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

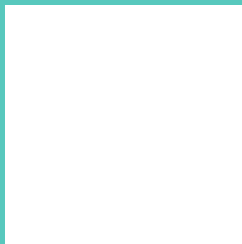
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 164.9590, 11.8522, -68.3700

Background



This preview shows how black text looks on a background with the YUV color 164.9590, 11.8522, -68.3700.

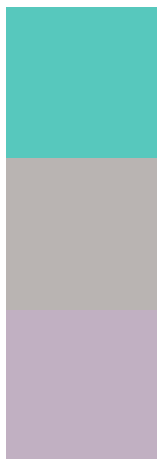


This preview shows how white text looks on a background with the YUV color 164.9590, 11.8522, -68.3700.

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

164.9590, 11.8522, -68.3700

Protanopia

181.2670, -1.6106, 3.2738

Deuteranopia

183.1350, 5.3564, 8.6516



Tritanopia

168.5110, 21.4401, -63.5921

Trichromacy



Original Color

164.9590, 11.8522, -68.3700

Protanomaly

175.0680, 3.4175, -22.8616

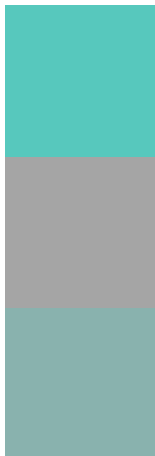
Deuteranomaly

176.5290, 7.6272, -19.7579

Tritanomaly

167.2890, 18.0985, -65.1515

Monochromacy



Original Color

164.9590, 11.8522, -68.3700

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2850, 4.2965, -24.8059

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.9590, 11.8522, -68.3700 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(87, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(87, 200, 189)  
}
```

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(87, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 200, 189) }
```

Border

The CSS property to change the border of an element to YUV 164.9590, 11.8522, -68.3700 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(87, 200, 189) }
```


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

```
.border{ border-color:rgb(87, 200, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 200, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(87, 200,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 164.9590, 11.8522, -68.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 200, 189) }
```

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

```
.background{ background-color: rgb(87, 200,  
189) }
```

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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