

Converting Colors

YUV(158.7190, -4.2985,
-68.1596)

Have a look what the booklet for
YUV(158.7190, -4.2985, -68.1596)
contains.

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Color

**YUV(158.7190, -4.2985,
-68.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	51C896
RGB	81, 200, 150
RGB Percent	32%, 78%, 59%
CMY	0.6824, 0.2157, 0.4118
CMYK	0.59, 0.00, 0.25, 0.22
HSL	155°, 52%, 55%
HSV	155°, 60%, 78%
XYZ	29.5526, 45.2599, 36.0326
YIQ	158.7190, -54.8740, -40.7780

Conversions

Conversions Part 2

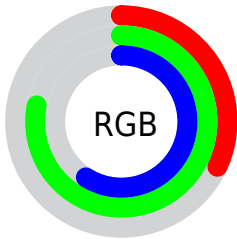
Format	Color
RYB	81, 156, 200
Decimal	5359766
CIELab	73.06, -45.16, 15.22
CIELCh	73, 47.654, 161.377
Yxy	45.2599, 0.2666, 0.4083
Android (android.graphics.Color)	4283549846 (0xFF51C896)
YUV	158.7190, -4.2985, -68.1596
Hunter-Lab	67.2755, -39.3209, 15.3372

Details

The YUV color **158.7190, -4.2985, -68.1596** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **122.2810, 4.2985, 68.1596**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8010, -5.3249, -65.6005**, and **96.4010, 1.2813, -84.5437** is the 20% darker color. If you saturate the color by 10%, you get **151.8270, -4.8447, -79.6553**, and if you desaturate by 10%, it is **165.6110, -3.7522, -56.6638**.

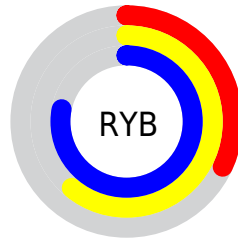
Distribution



Red (32%)

Green (78%)

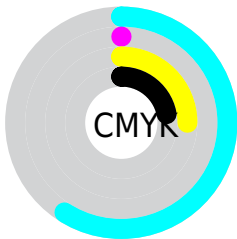
Blue (59%)



Red (32%)

Yellow (61%)

Blue (78%)

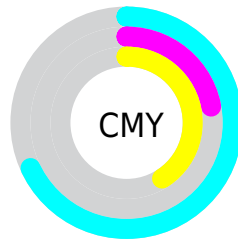


Cyan (59%)

Magenta (0%)

Yellow (25%)

Black (22%)



Cyan (68%)

Magenta (22%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.7190, -4.2985, -68.1596 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 158.7190, -4.2985, -68.1596 by changing the saturation by 10% instead.

■ 158.7190, -4.2985,
-68.1596

■ 158.7190, -4.2985,
-68.1596

255.0000, 0.0000,
0.0000

■ 129.4520, -2.6878,
-71.4334

■ 214.8010, -5.3249,
-65.6005

■ 96.4010, 1.2813,
-84.5437

■ 226.6640, 2.6306,
-50.5713

■ 78.4030, -1.6777,
-68.7594

■ 238.2560, 8.2548,
-34.4275

■ 60.5190, -4.1999,
-53.0752

■ 246.9270, 3.9800,
-16.5990

■ 43.4500, -6.1378,
-38.1056

■ 27.9140, -9.8176,
-24.4806

■ 11.1530, -5.4984,

-9.7812

■ 0.0000, 0.0000,
0.0000

■ 158.7190, -4.2985,
-68.1596

■ 158.7190, -4.2985,
-68.1596

■ 151.8270, -4.8447,
-79.6553

■ 165.6110, -3.7522,
-56.6638

■ 144.8210, -5.8278,
-91.0510

■ 172.6170, -2.7692,
-45.2681

■ 137.9290, -6.3740,
-102.5467

■ 179.5090, -2.2229,
-33.7724

■ 130.9230, -7.3570,
-113.9425

■ 186.5150, -1.2399,
-22.3767

■ 130.6240, -7.2096,
-114.5572

■ 193.4070, -0.6937,
-10.8809

■ 200.2990, -0.1474,
0.6148

■ 207.3050, 0.8356,
12.0105

■ 214.1970, 1.3819,
23.5062

■ 219.4090, 3.2494,
31.2133

Harmonies

Analogous

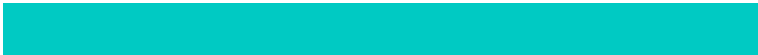
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.5170, -27.8629, -23.2554



158.7190, -4.2985, -68.1596



140.8040, 26.7186, -123.4851

Triad

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



158.7190, -4.2985, -68.1596



175.1170, 39.3823, -31.6746



179.6050, -27.4133, 66.1214

Complementary

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



158.7190, -4.2985, -68.1596



122.2810, 4.2985, 68.1596

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.



179.4690, -7.6262, 66.2407



158.7190, -4.2985, -68.1596



184.3190, 29.9157, 18.1372

Square

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



158.7190, -4.2985, -68.1596



147.4550, 53.0197, -112.6550



184.1420, 11.7620, 54.2495



177.4440, -40.1519, 45.2146

Rectangle

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



158.7190, -4.2985, -68.1596



143.4090, 39.2384, -125.7697



184.1420, 11.7620, 54.2495



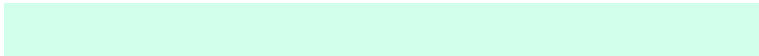
178.6250, -21.0141, 66.9809

Sweetspot

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



158.7190, -4.2985, -68.1596



239.0800, -1.5184, -26.3802



166.4010, -42.1027, -29.2927



117.9610, -0.9668, -16.6288



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.



158.7190, -4.2985, -68.1596



192.2170, -6.5160, -103.6763



159.7230, 19.8566, -69.0401



95.8530, -0.4205, -5.1331



106.5110, -5.6749, -93.4101



23.5260, -1.2453, -20.6323

Inverse Universe

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



122.2810, 4.2985, 68.1596



136.7830, 6.5160, 103.6763



121.2770, -19.8566, 69.0401



93.1470, 0.4205, 5.1331



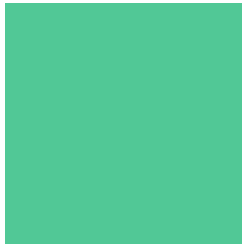
56.6030, 6.1117, 93.3102



12.4740, 1.2453, 20.6323

Previews

White Background



This preview shows how the YUV color 158.7190, -4.2985, -68.1596 looks on a white background.

Color Contrast Check

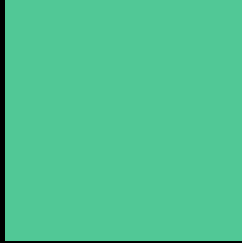
Large Text (above 18pt) WCAG AA × Fail

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 158.7190, -4.2985, -68.1596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

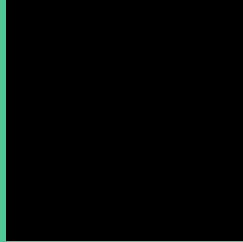
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.7190, -4.2985, -68.1596

Background



This preview shows how black text looks on a background with the YUV color 158.7190, -4.2985, -68.1596.

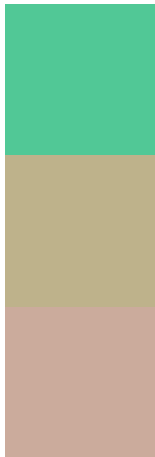


This preview shows how white text looks on a background with the YUV color 158.7190, -4.2985, -68.1596.

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

158.7190, -4.2985, -68.1596

Protanopia

177.1420, -18.8040, 11.2765

Deuteranopia

178.8580, -11.2690, 21.1725



Tritanopia

166.3160, 20.5502, -58.1591

Trichromacy



Original Color

158.7190, -4.2985, -68.1596



Protanomaly

170.3340, -13.4757, -17.8329



Deuteranomaly

171.9310, -8.8400, -11.3405



Tritanomaly

163.5900, 11.5411, -61.9074

Monochromacy



Original Color

158.7190, -4.2985, -68.1596



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.0910, -1.5239, -24.6358

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.7190, -4.2985, -68.1596 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(81, 200, 150)` looks like.

```
.text, #text, p{  
    color:rgb(81, 200, 150)  
}
```

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(81, 200, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 200, 150) }
```

Border

The CSS property to change the border of an element to YUV 158.7190, -4.2985, -68.1596 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(81, 200, 150) }
```


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

```
.border{ border-color:rgb(81, 200, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 200, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 200, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 200, 150);  
box-shadow:4px 4px 4px 4px rgb(81, 200,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 158.7190, -4.2985, -68.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 200, 150) }
```

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

```
.background{ background-color: rgb(81, 200,  
150) }
```

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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