

Converting Colors

YUV(157.5570, -5.2046,
-57.4935)

Have a look what the booklet for
YUV(157.5570, -5.2046, -57.4935)
contains.

YUV(157.5570, -5.2046, -57.4935)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(157.5570, -5.2046,
-57.4935)**

Conversions

Conversions Part 1

Format	Color
Hex	5CC193
RGB	92, 193, 147
RGB Percent	36%, 76%, 58%
CMY	0.6392, 0.2431, 0.4235
CMYK	0.52, 0.00, 0.24, 0.24
HSL	153°, 45%, 56%
HSV	153°, 52%, 76%
XYZ	28.7501, 42.5218, 34.2960
YIQ	157.5570, -45.4300, -35.7180

Conversions

Conversions Part 2

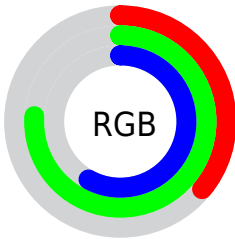
Format	Color
RYB	92, 157, 193
Decimal	6078867
CIELab	71.23, -40.35, 14.32
CIELCh	71, 42.815, 160.466
Yxy	42.5218, 0.2723, 0.4028
Android (android.graphics.Color)	4284268947 (0xFF5CC193)
YUV	157.5570, -5.2046, -57.4935
Hunter-Lab	65.2088, -35.4160, 14.4630

Details

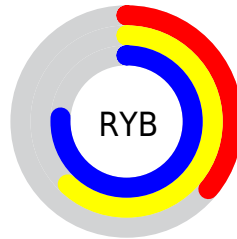
The YUV color **157.5570, -5.2046, -57.4935** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **127.4430, 5.2046, 57.4935**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.2150, -6.5150, -57.1936**, and **101.2080, -2.5675, -63.3264** is the 20% darker color. If you saturate the color by 10%, you get **150.8500, -6.3350, -68.2745**, and if you desaturate by 10%, it is **164.2640, -4.0742, -46.7125**.

Distribution



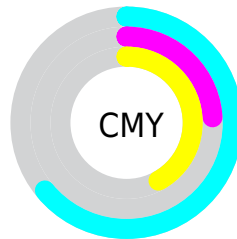
- Red (36%)
- Green (76%)
- Blue (58%)



- Red (36%)
- Yellow (62%)
- Blue (76%)



- Cyan (52%)
- Magenta (0%)
- Yellow (24%)
- Black (24%)



- Cyan (64%)
- Magenta (24%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.5570, -5.2046, -57.4935 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 157.5570, -5.2046, -57.4935 by changing the saturation by 10% instead.

■ 157.5570, -5.2046,
-57.4935

■ 157.5570, -5.2046,
-57.4935

255.0000, 0.0000,
0.0000

■ 129.4860, -4.1836,
-58.3082

■ 214.2150, -6.5150,
-57.1936

■ 101.2080, -2.5675,
-63.3264

■ 228.7140, 0.1410,
-45.3532

■ 74.5390, -1.2517,
-65.3707

■ 240.3490, 7.2229,
-30.1241

■ 56.7690, -3.3371,
-49.7864

■ 249.3190, 2.8007,
-11.6808

■ 40.1730, -6.0013,
-35.2317

■ 24.5230, -10.1178,
-21.5067

■ 4.6960, -2.3151,

-4.1184

■ 0.0000, 0.0000,
0.0000

■ 157.5570, -5.2046,
-57.4935

■ 157.5570, -5.2046,
-57.4935

■ 150.8500, -6.3350,
-68.2745

■ 164.2640, -4.0742,
-46.7125

■ 143.8440, -7.3181,
-79.6702

■ 171.2700, -3.0911,
-35.3168

■ 137.2510, -8.0117,
-90.5511

■ 177.8630, -2.3975,
-24.4359

■ 130.5440, -9.1422,
-101.3321

■ 184.5700, -1.2670,
-13.6549

■ 125.2610, -9.9887,
-109.8539

■ 191.5760, -0.2840,
-2.2592

■ 198.2830, 0.8465,
8.5218

■ 204.9900, 1.9769,
19.3028

■ 211.5830, 2.6706,
30.1837

■ 215.3000, 5.2751,
34.8169

Harmonies

Analogous

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



165.4080, -25.8371, -19.6518



157.5570, -5.2046, -57.4935



135.7830, 25.2500, -119.0817

Triad

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



157.5570, -5.2046, -57.4935



172.0140, 38.9401, -29.8303



175.3700, -24.3394, 60.1885

Complementary

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



157.5570, -5.2046, -57.4935



127.4430, 5.2046, 57.4935

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.



176.8600, -7.3260, 63.2668



157.5570, -5.2046, -57.4935



178.6130, 27.3058, 15.2484

Square

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



157.5570, -5.2046, -57.4935



154.3830, 45.6602, -85.4049



179.1690, 10.7627, 48.0868



173.2740, -35.6311, 41.8557

Rectangle

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



157.5570, -5.2046, -57.4935



138.1600, 36.8961, -121.1663



179.1690, 10.7627, 48.0868



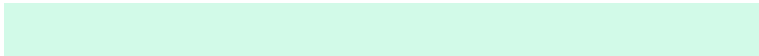
176.0590, -19.2561, 63.0923

Sweetspot

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



157.5570, -5.2046, -57.4935



235.9880, -1.9661, -22.7915



165.3400, -36.1566, -23.1002



116.5700, -1.2670, -13.6549



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



157.5570, -5.2046, -57.4935



194.5500, -8.1592, -89.9364



161.0400, 15.7563, -60.5481



93.4400, -0.7099, -5.6479



104.4250, -8.5905, -91.5807



21.4230, -1.6875, -18.7880

Inverse Universe

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



127.4430, 5.2046, 57.4935



147.4500, 8.1592, 89.9364



123.9600, -15.7563, 60.5481



90.5600, 0.7099, 5.6479



56.4610, 8.1537, 91.6807



11.5770, 1.6875, 18.7880

Previews

White Background



This preview shows how the YUV color 157.5570, -5.2046, -57.4935 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 157.5570, -5.2046, -57.4935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

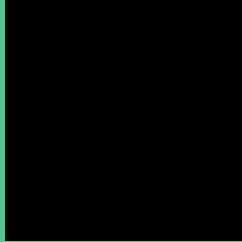
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.5570, -5.2046, -57.4935

Background



This preview shows how black text looks on a background with the YUV color 157.5570, -5.2046, -57.4935.



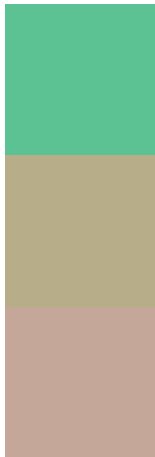
This preview shows how white text looks on a background with the YUV color 157.5570, -5.2046,

-57.4935.

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

157.5570, -5.2046, -57.4935

Protanopia

172.1850, -17.3462, 10.3618

Deuteranopia

174.3740, -10.5374, 19.8430



Tritanopia

164.0890, 18.1971, -50.0671

Trichromacy



Original Color

157.5570, -5.2046, -57.4935



Protanomaly

166.8830, -12.7603, -13.9294



Deuteranomaly

168.0670, -8.4140, -7.9518



Tritanomaly

162.0750, 9.3300, -52.6858

Monochromacy



Original Color

157.5570, -5.2046, -57.4935



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.9990, -1.9715, -21.0471

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.5570, -5.2046, -57.4935 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(92, 193, 147)` looks like.

```
.text, #text, p{  
    color:rgb(92, 193, 147)  
}
```

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(92, 193, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 193, 147) }
```

Border

The CSS property to change the border of an element to YUV 157.5570, -5.2046, -57.4935 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(92, 193, 147) }
```


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

```
.border{ border-color:rgb(92, 193, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 193, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 193, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 193, 147);  
box-shadow:4px 4px 4px 4px rgb(92, 193,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 157.5570, -5.2046, -57.4935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 193, 147) }
```

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

```
.background{ background-color: rgb(92, 193,  
147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor