

Converting Colors

YUV(158.0590, 3.4219,
-71.0887)

Have a look what the booklet for
YUV(158.0590, 3.4219, -71.0887)
contains.

YUV(158.0590, 3.4219, -71.0887)	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(158.0590, 3.4219,
-71.0887)**

Conversions

Conversions Part 1

Format	Color
Hex	4DC6A5
RGB	77, 198, 165
RGB Percent	30%, 78%, 65%
CMY	0.6980, 0.2235, 0.3529
CMYK	0.61, 0.00, 0.17, 0.22
HSL	164°, 51%, 54%
HSV	164°, 61%, 78%
XYZ	30.0462, 44.6826, 42.6383
YIQ	158.0590, -61.5230, -35.9150

Conversions

Conversions Part 2

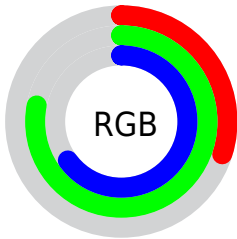
Format	Color
RYB	77, 147, 198
Decimal	5097125
CIELab	72.68, -41.64, 6.58
CIELCh	73, 42.161, 171.023
Yxy	44.6826, 0.2560, 0.3807
Android (android.graphics.Color)	4283287205 (0xFF4DC6A5)
YUV	158.0590, 3.4219, -71.0887
Hunter-Lab	66.8450, -36.7448, 8.9723

Details

The YUV color **158.0590, 3.4219, -71.0887** 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 **116.9410, -3.4219, 71.0887**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.7280, 2.1061, -69.0445**, and **96.8230, 7.9753, -84.9138** is the 20% darker color. If you saturate the color by 10%, you get **151.5090, 4.1861, -82.8844**, and if you desaturate by 10%, it is **164.6090, 2.6578, -59.2931**.

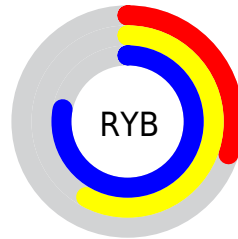
Distribution



Red (30%)

Green (78%)

Blue (65%)



Red (30%)

Yellow (58%)

Blue (78%)

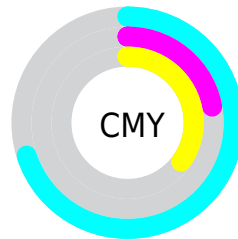


Cyan (61%)

Magenta (0%)

Yellow (17%)

Black (22%)



Cyan (70%)

Magenta (22%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.0590, 3.4219, -71.0887 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 158.0590, 3.4219, -71.0887 by changing the saturation by 10% instead.

■ 158.0590, 3.4219,
-71.0887

■ 158.0590, 3.4219,
-71.0887

255.0000, 0.0000,
0.0000

■ 128.1940, 5.3274,
-75.5921

■ 215.7280, 2.1061,
-69.0445

■ 96.8230, 7.9753,
-84.9138

■ 227.5910, 10.0616,
-54.0153

■ 78.8250, 5.0163,
-69.1295

■ 237.3590, 8.6970,
-36.2718

■ 61.4140, 1.7679,
-53.8601

■ 246.3290, 4.2748,
-17.8285

■ 44.2310, -0.6069,
-38.7906

■ 29.0370, -2.9762,
-25.4654

■ 9.9790, -4.9196,

-8.7516

■ 0.0000, 0.0000,
0.0000

■ 158.0590, 3.4219,
-71.0887

■ 158.0590, 3.4219,
-71.0887

■ 151.5090, 4.1861,
-82.8844

■ 164.6090, 2.6578,
-59.2931

■ 144.8450, 4.5134,
-94.5801

■ 171.2730, 2.3304,
-47.5974

■ 138.5940, 5.1302,
-105.7609

■ 177.5240, 1.7137,
-36.4165

■ 132.6420, 5.5995,
-116.3270

■ 184.1880, 1.3863,
-24.7209

■ 190.7380, 0.6222,
-12.9252

■ 197.2880, -0.1420,
-1.1296

■ 203.9520, -0.4693,
10.5661

■ 210.2030, -1.0861,
21.7470

■ 216.8670, -1.4134,
33.4426

Harmonies

Analogous

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



167.0520, -19.2526, -31.6176



158.0590, 3.4219, -71.0887



140.1830, 31.9548, -122.9405

Triad

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



158.0590, 3.4219, -71.0887



179.3860, 34.8127, -12.6165



179.0720, -29.1225, 54.3109

Complementary

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



158.0590, 3.4219, -71.0887



116.9410, -3.4219, 71.0887

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.



180.5520, -13.5831, 63.5369



158.0590, 3.4219, -71.0887



182.9090, 21.7369, 28.1438

Square

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



158.0590, 3.4219, -71.0887



167.1410, 42.8215, -61.5137



182.6060, 4.6312, 54.7195



176.2790, -36.6195, 32.2043

Rectangle

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



158.0590, 3.4219, -71.0887



141.0440, 42.8693, -123.6956



182.6060, 4.6312, 54.7195



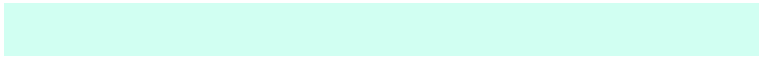
179.6580, -24.4814, 59.0589

Sweetspot

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



158.0590, 3.4219, -71.0887



239.7640, 1.1023, -26.9800



158.1930, -40.0281, -41.3883



118.4170, 0.7804, -17.0287



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.



158.0590, 3.4219, -71.0887



193.5720, 5.1410, -109.2496



146.5590, 25.3604, -61.0032



96.0810, 0.4531, -5.3330



109.2470, 4.8082, -95.8096



24.0960, 0.9387, -21.1322

Inverse Universe

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



116.9410, -3.4219, 71.0887



130.4280, -5.1410, 109.2496



128.4410, -25.3604, 61.0032



92.9190, -0.4531, 5.3330



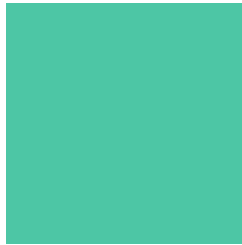
53.8670, -4.3714, 95.7096



11.9040, -0.9387, 21.1322

Previews

White Background



This preview shows how the YUV color 158.0590, 3.4219, -71.0887 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 158.0590, 3.4219, -71.0887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

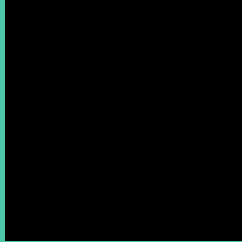
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.0590, 3.4219, -71.0887

Background



This preview shows how black text looks on a background with the YUV color 158.0590, 3.4219, -71.0887.



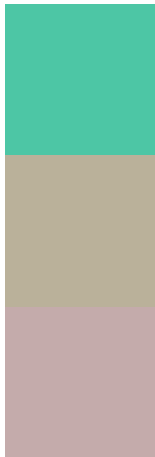
This preview shows how white text looks on a background with the YUV color 158.0590, 3.4219, -71.0887.

-71.0887.

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

158.0590, 3.4219, -71.0887

Protanopia

177.0690, -11.3730, 7.8325

Deuteranopia

178.4750, -3.6852, 15.3694



Tritanopia

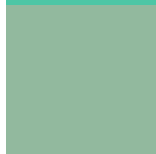
164.2230, 21.5821, -62.4626

Trichromacy



Original Color

158.0590, 3.4219, -71.0887



Protanomaly

170.2610, -6.0447, -21.2769



Deuteranomaly

171.2600, -1.1142, -16.0140



Tritanomaly

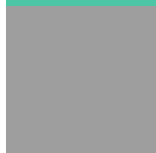
161.7790, 14.8990, -65.5812

Monochromacy



Original Color

158.0590, 3.4219, -71.0887



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.4760, 1.2443, -25.8505

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0590, 3.4219, -71.0887 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(77, 198, 165)` looks like.

```
.text, #text, p{  
    color:rgb(77, 198, 165)  
}
```

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(77, 198, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 198, 165) }
```

Border

The CSS property to change the border of an element to YUV 158.0590, 3.4219, -71.0887 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(77, 198, 165) }
```


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

```
.border{ border-color:rgb(77, 198, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 198, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 198, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 198, 165);  
box-shadow:4px 4px 4px 4px rgb(77, 198,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 158.0590, 3.4219, -71.0887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 198, 165) }
```

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

```
.background{ background-color: rgb(77, 198,  
165) }
```

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