

Converting Colors

YUV(153.1290, -63.1676,
-39.5781)

Have a look what the booklet for
YUV(153.1290, -63.1676, -39.5781)
contains.

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Color

**YUV(153.1290, -63.1676,
-39.5781)**

Conversions

Conversions Part 1

Format	Color
Hex	6CC919
RGB	108, 201, 25
RGB Percent	42%, 79%, 10%
CMY	0.5765, 0.2118, 0.9020
CMYK	0.46, 0.00, 0.88, 0.21
HSL	92°, 78%, 44%
HSV	92°, 88%, 79%
XYZ	27.2465, 45.0316, 8.1756
YIQ	153.1290, 1.0680, -74.4520

Conversions

Conversions Part 2

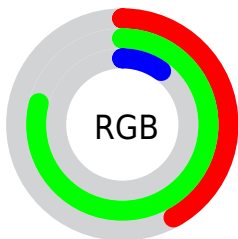
Format	Color
R_{YB}	25, 201, 118
Decimal	7129369
CIE Lab	72.91, -53.56, 68.92
CIE LCh	73, 87.289, 127.853
Yxy	45.0316, 0.3387, 0.5597
Android (android.graphics.Color)	4285319449 (0xFF6CC919)
YUV	153.1290, -63.1676, -39.5781
Hunter-Lab	67.1056, -44.9596, 39.7505

Details

The YUV color **153.1290, -63.1676, -39.5781** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **72.8710, 63.1676, 39.5781**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8780, -59.0999, -37.6040**, and **98.8580, -48.7370, -48.1105** is the 20% darker color. If you saturate the color by 10%, you get **147.5600, -70.2821, -44.3411**, and if you desaturate by 10%, it is **158.6980, -56.0531, -34.8151**.

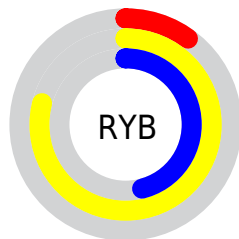
Distribution



Red (42%)

Green (79%)

Blue (10%)



Red (10%)

Yellow (79%)

Blue (46%)

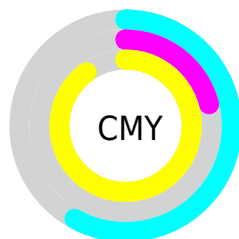


Cyan (46%)

Magenta (0%)

Yellow (88%)

Black (21%)



Cyan (58%)

Magenta (21%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.1290, -63.1676, -39.5781 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 153.1290, -63.1676, -39.5781 by changing the saturation by 10% instead.

■ 153.1290,
-63.1676, -39.5781

■ 153.1290,
-63.1676, -39.5781

■ 255.0000, 0.0000,
0.0000

■ 124.8730,
-61.5624, -41.1076

■ 209.8780,
-59.0999, -37.6040

■ 98.8580, -48.7370,
-48.1105

■ 222.1540,
-50.8549, -22.0601

■ 70.4400, -34.7269,
-61.7759

■ 234.3160,
-43.0468, -6.4161

■ 55.1780, -27.2028,
-48.3911

■ 245.9940,
-34.5070, 7.8983

■ 40.5030, -19.9680,
-35.5211

■ 249.3000,
-21.8399, 4.9989

■ 27.5890, -13.6014,
-24.1956

■ 252.6060, -9.1728,

■ 10.5660, -5.2090,

2.0995

-9.2664

■ 0.0000, 0.0000,
0.0000

■ 153.1290,
-63.1676, -39.5781

■ 153.1290,
-63.1676, -39.5781

■ 147.5600,
-70.2821, -44.3411

■ 158.6980,
-56.0531, -34.8151

■ 146.3920,
-72.1713, -45.0708

■ 163.9680,
-48.7912, -30.6669

■ 169.5370,
-41.6767, -25.9039

■ 174.8070,
-34.4149, -21.7557

■ 180.4900,
-26.8636, -17.0927

■ 186.0590,
-19.7491, -12.3297

■ 191.3290,
-12.4872, -8.1815

■ 196.8980, -5.3727,
-3.4185

■ 202.4670, 1.7418,
1.3444

Harmonies

Analogous

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



165.4380, -81.5609, 26.8029



153.1290, -63.1676, -39.5781



136.9670, -10.8297, -120.1201

Triad

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



153.1290, -63.1676, -39.5781



148.2310, 52.6371, -129.9986



146.2550, 7.2693, 95.3694

Complementary

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



153.1290, -63.1676, -39.5781



72.8710, 63.1676, 39.5781

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.



165.9410, 37.0041, 78.1047



153.1290, -63.1676, -39.5781



135.9040, 58.7143, -119.1878

Square

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



153.1290, -63.1676, -39.5781



154.1010, 49.7432, -135.1466



176.9530, 38.4772, 25.4742



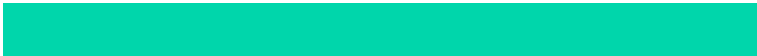
152.8530, -33.4515, 89.5829

Rectangle

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



153.1290, -63.1676, -39.5781



145.1120, 12.7628, -127.2632



176.9530, 38.4772, 25.4742



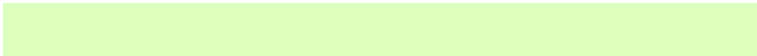
149.9200, 18.7734, 92.1552

Sweetspot

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



153.1290, -63.1676, -39.5781



237.0110, -23.6694, -14.9186



131.0410, -52.2782, 61.3540



117.1610, -14.3764, -8.9112



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.



153.1290, -63.1676, -39.5781



185.5650, -91.4835, -57.5005



128.6540, -49.6224, -90.9046



96.4790, -3.1941, -2.1741



118.7040, -58.5211, -36.5744



26.2150, -12.9240, -8.0816

Inverse Universe

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



72.8710, 63.1676, 39.5781



69.4350, 91.4835, 57.5005



97.3460, 49.6224, 90.9046



92.5210, 3.1941, 2.1741



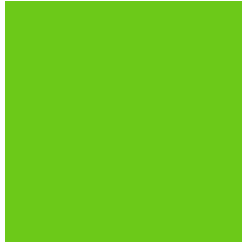
44.2960, 58.5211, 36.5744



9.7850, 12.9240, 8.0816

Previews

White Background



This preview shows how the YUV color 153.1290, -63.1676, -39.5781 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 153.1290, -63.1676, -39.5781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

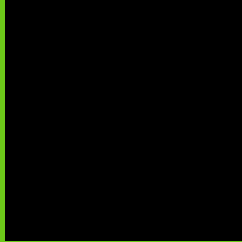
Any Text WCAG AA ✓ Pass

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 153.1290, -63.1676, -39.5781 Background



This preview shows how black text looks on a background with the YUV color 153.1290, -63.1676, -39.5781.



This preview shows how white text looks on a background with the YUV color 153.1290, -63.1676, -39.5781.

-39.5781.

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

153.1290, -63.1676, -39.5781

Protanopia

166.5230, -73.7148, 30.2363

Deuteranopia

171.2380, -61.2493, 45.3953



Tritanopia

172.5640, 14.5119, -34.6976

Trichromacy



Original Color

153.1290, -63.1676, -39.5781

Protanomaly

161.3950, -69.7077, 4.9156

Deuteranomaly

164.8120, -62.0253, 14.1969

Tritanomaly

165.5120, -13.5634, -36.4060

Monochromacy



Original Color

153.1290, -63.1676, -39.5781

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8370, -23.0906, -13.8890

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.1290, -63.1676, -39.5781 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(108, 201, 25)` looks like.

```
.text, #text, p{  
    color:rgb(108, 201, 25)  
}
```

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(108, 201, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 201, 25) }
```

Border

The CSS property to change the border of an element to YUV 153.1290, -63.1676, -39.5781 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(108, 201, 25) }
```


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

```
.border{ border-color:rgb(108, 201, 25) }
```

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

Here you see how a box with a 4 pixel rgb(108, 201, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 201, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 201, 25);  
box-shadow:4px 4px 4px 4px rgb(108, 201,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 153.1290, -63.1676, -39.5781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 201, 25) }
```

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

```
.background{ background-color: rgb(108,  
201, 25) }
```

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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