

Converting Colors

YUV(158.6970, -78.2376,
-59.3703)

Have a look what the booklet for
YUV(158.6970, -78.2376, -59.3703)
contains.

YUV(158.6970, -78.2376, -59.3703)	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(158.6970, -78.2376,
-59.3703)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE000
RGB	91, 224, 0
RGB Percent	36%, 88%, 0%
CMY	0.6431, 0.1216, 1.0000
CMYK	0.59, 0.00, 1.00, 0.12
HSL	96°, 100%, 44%
HSV	96°, 100%, 88%
XYZ	30.9700, 55.5355, 9.0871
YIQ	158.6970, -7.3640, -97.8600

Conversions

Conversions Part 2

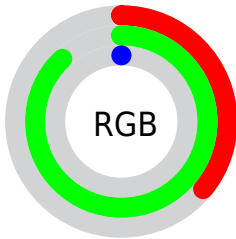
Format	Color
RYB	0, 224, 133
Decimal	6021120
CIELab	79.35, -66.92, 76.99
CIElCh	79, 102.013, 130.997
Yxy	55.5355, 0.3240, 0.5810
Android (android.graphics.Color)	4284211200 (0xFF5BE000)
YUV	158.6970, -78.2376, -59.3703
Hunter-Lab	74.5221, -56.2323, 44.9357

Details

The YUV color **158.6970, -78.2376, -59.3703** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **65.3030, 78.2376, 59.3703**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8340, -59.0782, -44.5814**, and **98.0290, -48.3283, -85.9714** is the 20% darker color. If you saturate the color by 10%, you get **158.6970, -78.2376, -59.3703**, and if you desaturate by 10%, it is **165.0920, -70.5444, -53.5777**.

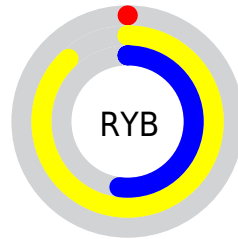
Distribution



Red (36%)

Green (88%)

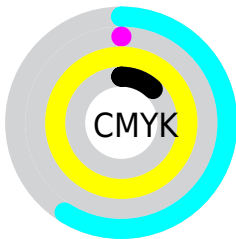
Blue (0%)



Red (0%)

Yellow (88%)

Blue (52%)

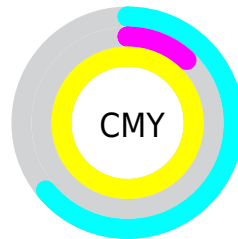


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (64%)

Magenta (12%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.6970, -78.2376, -59.3703 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 158.6970, -78.2376, -59.3703 by changing the saturation by 10% instead.

■ 158.6970,
-78.2376, -59.3703

■ 158.6970,
-78.2376, -59.3703

■ 255.0000, 0.0000,
0.0000

■ 130.3120,
-64.2438, -67.8026

■ 205.8340,
-59.0782, -44.5814

■ 98.0290, -48.3283,
-85.9714

■ 218.5230,
-50.5438, -28.5227

■ 82.1800, -40.5147,
-72.0719

■ 231.0980,
-42.4463, -12.3639

■ 66.3310, -32.7012,
-58.1723

■ 243.6730,
-34.3488, 3.7948

■ 51.0690, -25.1770,
-44.7875

■ 249.1860,
-22.2767, 5.0989

■ 36.9810, -18.2316,
-32.4323

■ 252.6060, -9.1728,

■ 22.3060, -10.9969,

2.0995

-19.5624

■ 0.0000, 0.0000,
0.0000

■ 158.6970,
-78.2376, -59.3703

■ 165.0920,
-70.5444, -53.5777

■ 171.9000,
-62.5617, -47.2703

■ 178.2950,
-54.8684, -41.4777

■ 184.8040,
-46.7384, -35.7851

■ 191.4980,
-39.1925, -29.3777

■ 197.8930,
-31.4992, -23.5852

■ 204.4020,
-23.3692, -17.8926

■ 210.7970,
-15.6759, -12.1000

■ 217.6050, -7.6933,
-5.7926

Harmonies

Analogous

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



181.0430, -89.2542, 21.0103



158.6970, -78.2376, -59.3703



152.1780, -10.9338, -133.4601

Triad

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



158.6970, -78.2376, -59.3703



160.5580, 46.5599, -140.8094



140.3680, 12.6366, 100.5323

Complementary

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



158.6970, -78.2376, -59.3703



65.3030, 78.2376, 59.3703

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.



162.8410, 45.4344, 80.8234



158.6970, -78.2376, -59.3703



144.7090, 54.3735, -126.9098

Square

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



158.6970, -78.2376, -59.3703



167.6020, 43.0872, -146.9870



190.9400, 31.5816, 43.9026



155.7080, -40.2820, 87.0791

Rectangle

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



158.6970, -78.2376, -59.3703



161.5770, 17.4635, -141.7030



190.9400, 31.5816, 43.9026



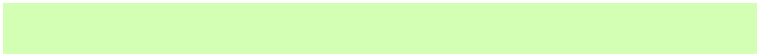
143.4290, 26.9035, 97.8478

Sweetspot

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



158.6970, -78.2376, -59.3703



232.8810, -26.5633, -20.0666



143.8730, -70.9294, 70.2714



114.3840, -15.9653, -12.6148



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.



158.6970, -78.2376, -59.3703



180.7810, -89.1250, -67.3369



133.6540, -56.5244, -117.2146



108.9520, -3.9203, -2.5889



124.5410, -61.3987, -46.9555



34.1560, -16.8389, -12.4148

Inverse Universe

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



65.3030, 78.2376, 59.3703



74.2190, 89.1250, 67.3369



90.3460, 56.5244, 117.2146



104.3470, 3.7729, 3.2037



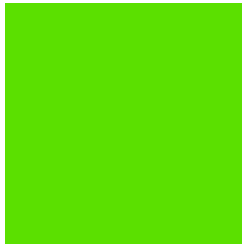
51.1600, 61.5461, 46.3407



14.1430, 16.6915, 13.0296

Previews

White Background



This preview shows how the YUV color 158.6970, -78.2376, -59.3703 looks on a white background.

Color Contrast Check

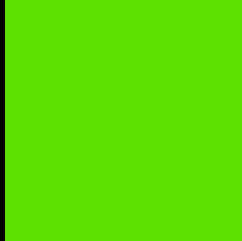
Large Text (above 18pt) WCAG AA × Fail

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 158.6970, -78.2376, -59.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

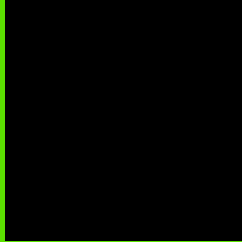
Any Text WCAG AA ✓ Pass

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 158.6970, -78.2376, -59.3703 Background



This preview shows how black text looks on a background with the YUV color 158.6970, -78.2376, -59.3703.



This preview shows how white text looks on a background with the YUV color 158.6970, -78.2376, -59.3703.

-59.3703.

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

158.6970, -78.2376, -59.3703

Protanopia

180.8320, -89.1502, 34.3503

Deuteranopia

187.2080, -69.1225, 50.6836



Tritanopia

185.7190, 19.3655, -51.4966

Trichromacy



Original Color

158.6970, -78.2376, -59.3703



Protanomaly

172.6490, -85.1160, 0.3078



Deuteranomaly

176.7440, -72.3448, 10.7485



Tritanomaly

176.0060, -16.2720, -54.3793

Monochromacy



Original Color

158.6970, -78.2376, -59.3703



Achromatopsia

159.0000, 0.0000, 0.0000



Achromatomaly

159.0010, -28.5945, -21.9259

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.6970, -78.2376, -59.3703 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(91, 224, 0)` looks like.

```
.text, #text, p{  
    color:rgb(91, 224, 0)  
}
```

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(91, 224, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 224, 0) }
```

Border

The CSS property to change the border of an element to YUV 158.6970, -78.2376, -59.3703 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(91, 224, 0) }
```


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

```
.border{ border-color:rgb(91, 224, 0) }
```

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

Here you see how a box with a 4 pixel rgb(91, 224, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 224, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 224, 0);  
box-shadow:4px 4px 4px 4px rgb(91, 224, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 158.6970, -78.2376, -59.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 224, 0) }
```

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

```
.background{ background-color: rgb(91, 224,  
0) }
```

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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