

Converting Colors

YUV(159.5060, -78.6365,
-71.4808)

Have a look what the booklet for
YUV(159.5060, -78.6365, -71.4808)
contains.

YUV(159.5060, -78.6365, -71.4808)	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>	30

Color

**YUV(159.5060, -78.6365,
-71.4808)**

Conversions

Conversions Part 1

Format	Color
Hex	4EE800
RGB	78, 232, 0
RGB Percent	31%, 91%, 0%
CMY	0.6941, 0.0902, 1.0000
CMYK	0.66, 0.00, 1.00, 0.09
HSL	100°, 100%, 45%
HSV	100°, 100%, 91%
XYZ	31.9985, 59.3329, 9.7659
YIQ	159.5060, -17.3120, -104.8000

Conversions

Conversions Part 2

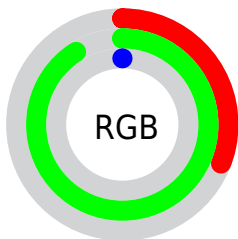
Format	Color
RYB	0, 232, 154
Decimal	5171200
CIELab	81.47, -72.32, 78.53
CIELCh	81, 106.758, 132.640
Yxy	59.3329, 0.3165, 0.5869
Android (android.graphics.Color)	4283361280 (0xFF4EE800)
YUV	159.5060, -78.6365, -71.4808
Hunter-Lab	77.0279, -60.6473, 46.4025

Details

The YUV color **159.5060, -78.6365, -71.4808** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **72.4940, 78.6365, 71.4808**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.3710, -56.8779, -50.3144**, and **102.7250, -50.6434, -90.0898** is the 20% darker color. If you saturate the color by 10%, you get **159.5060, -78.6365, -71.4808**, and if you desaturate by 10%, it is **166.6130, -70.8012, -64.5586**.

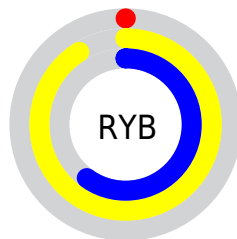
Distribution



Red (31%)

Green (91%)

Blue (0%)



Red (0%)

Yellow (91%)

Blue (60%)

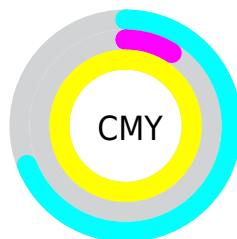


Cyan (66%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (69%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.5060, -78.6365, -71.4808 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 159.5060, -78.6365, -71.4808 by changing the saturation by 10% instead.

■ 159.5060,
-78.6365, -71.4808

■ 159.5060,
-78.6365, -71.4808

■ 255.0000, 0.0000,
0.0000

■ 127.8320,
-63.0212, -86.6757

■ 203.3710,
-56.8779, -50.3144

■ 102.7250,
-50.6434, -90.0898

■ 216.3590,
-48.4910, -33.6408

■ 86.2890, -42.5405,
-75.6755

■ 228.9340,
-40.3935, -17.4821

■ 70.4400, -34.7269,
-61.7759

■ 241.9220,
-32.0065, -0.8086

■ 55.1780, -27.2028,
-48.3911

■ 249.4140,
-21.4031, 4.8989

■ 39.9160, -19.6786,
-35.0063

■ 252.8340, -8.2992,

■ 25.8280, -12.7332,

1.8996

-22.6512

■ 5.8700, -2.8939,
-5.1480

■ 0.0000, 0.0000,
0.0000

■ 159.5060,
-78.6365, -71.4808

■ 166.6130,
-70.8012, -64.5586

■ 174.0190,
-63.1134, -57.0217

■ 181.2400,
-54.8413, -50.1995

■ 188.6460,
-47.1535, -42.6625

■ 195.7530,
-39.3182, -35.7404

■ 202.8600,
-31.4830, -28.8182

■ 210.2660,
-23.7951, -21.2813

■ 217.4870,
-15.5231, -14.4591

■ 224.8930, -7.8352,
-6.9222

Harmonies

Analogous

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



185.1520, -91.2799, 17.4067



159.5060, -78.6365, -71.4808



157.7860, -9.7545, -138.3783

Triad

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



159.5060, -78.6365, -71.4808



164.0800, 44.8236, -143.8982



138.4930, 13.0680, 102.1766

Complementary

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



159.5060, -78.6365, -71.4808



72.4940, 78.6365, 71.4808

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.



159.9060, 46.8813, 83.3974



159.5060, -78.6365, -71.4808



147.0570, 53.2159, -128.9690

Square

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



159.5060, -78.6365, -71.4808



171.7110, 41.0615, -150.5905



195.1260, 29.5179, 52.5095



157.3720, -44.0604, 85.6198

Rectangle

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



159.5060, -78.6365, -71.4808



167.6410, 20.3900, -147.0212



195.1260, 29.5179, 52.5095



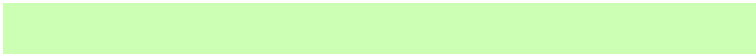
139.9070, 28.6398, 100.9366

Sweetspot

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



159.5060, -78.6365, -71.4808



231.0870, -25.6789, -23.7553



158.0050, -77.8965, 64.8936



113.4870, -15.5231, -14.4591



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.



159.5060, -78.6365, -71.4808



175.3990, -86.4717, -78.4029



140.1740, -51.8508, -122.9326



111.2400, -4.0623, -3.7185



123.0130, -60.6454, -55.2624



35.0200, -17.2649, -15.8035

Inverse Universe

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



72.4940, 78.6365, 71.4808



79.6010, 86.4717, 78.4029



91.8260, 51.8508, 122.9326



106.7600, 4.0623, 3.7185



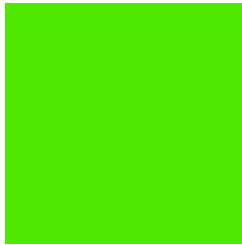
55.6880, 60.7928, 54.6476



15.9800, 17.2649, 15.8035

Previews

White Background



This preview shows how the YUV color 159.5060, -78.6365, -71.4808 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 159.5060, -78.6365, -71.4808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

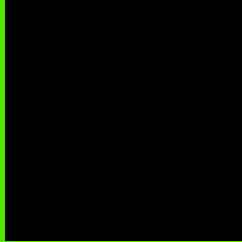
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

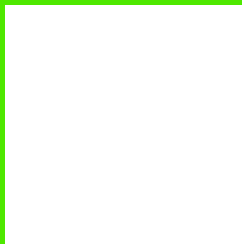
Any Text WCAG AAA ✓ Pass

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

YUV 159.5060, -78.6365, -71.4808 Background



This preview shows how black text looks on a background with the YUV color 159.5060, -78.6365, -71.4808.



This preview shows how white text looks on a background with the YUV color 159.5060, -78.6365, -71.4808.

-71.4808.

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



Protanopia

185.5610, -91.4816, 35.4650

Deuteranopia

192.4640, -70.7278, 52.2131

Tritanopia

189.5330, 21.4292, -60.1034

Trichromacy



Protanomaly

175.8720, -86.7049, -3.3957

Deuteranomaly

180.3800, -73.6443, 7.5597

Tritanomaly

178.5810, -15.0764, -64.5305

Monochromacy



Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.6800, -28.4362, -26.0294

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.5060, -78.6365, -71.4808 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(78, 232, 0)` looks like.

```
.text, #text, p{  
    color:rgb(78, 232, 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(78, 232, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 232, 0) }
```

Border

The CSS property to change the border of an element to YUV 159.5060, -78.6365, -71.4808 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(78, 232, 0) }
```

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

```
.border{ border-color:rgb(78, 232, 0) }
```

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

Here you see how a box with a 4 pixel rgb(78, 232, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 232, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 232, 0);  
box-shadow:4px 4px 4px 4px rgb(78, 232, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 159.5060, -78.6365, -71.4808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 232, 0) }
```

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

```
.background{ background-color: rgb(78, 232,  
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](#).

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