

Converting Colors

YUV(195.2660, -71.1231,
-54.6073)

Have a look what the booklet for
YUV(195.2660, -71.1231, -54.6073)
contains.

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Color

**YUV(195.2660, -71.1231,
-54.6073)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 85FF33 |
| RGB | 133, 255, 51 |
| RGB Percent | 52%, 100%, 20% |
| CMY | 0.4784, 0.0000, 0.8000 |
| CMYK | 0.48, 0.00, 0.80, 0.00 |
| HSL | 96°, 100%, 60% |
| HSV | 96°, 80%, 100% |
| XYZ | 46.0304, 76.7456, 15.5193 |
| YIQ | 195.2660, -7.2280, -89.3080 |

Conversions

Conversions Part 2

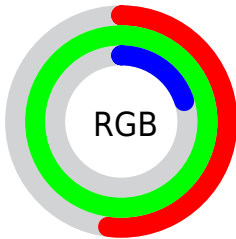
| Format | Color |
|-------------------------------------|--|
| RYB | 51, 255, 173 |
| Decimal | 8781619 |
| CIELab | 90.20, -65.13, 78.64 |
| CIELCh | 90, 102.106, 129.631 |
| Yxy | 76.7456, 0.3328, 0.5549 |
| Android (android.graphics.Color) | 4286971699 (0xFF85FF33) |
| YUV | 195.2660, -71.1231, -54.6073 |
| Hunter-Lab | 87.6045, -59.5180, 50.8199 |

Details

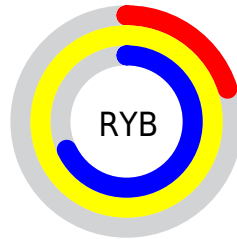
The YUV color **195.2660, -71.1231, -54.6073** is a dark color, and the websafe version is hex **99FF33**. The color can be described as middle washed chartreuse. A complement of this color would be **110.7340, 71.1231, 54.6073**, and the grayscale version is **196.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.9860, -52.7441, -22.7897**, and **135.3730, -66.7389, -60.8401** is the 20% darker color. If you saturate the color by 10%, you get **187.8170, -80.2688, -61.2295**, and if you desaturate by 10%, it is **202.7150, -61.9775, -47.9851**.

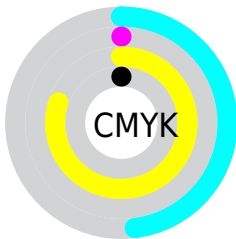
Distribution



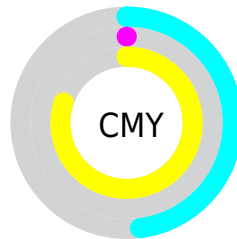
- Red (52%)
- Green (100%)
- Blue (20%)



- Red (20%)
- Yellow (100%)
- Blue (68%)



- Cyan (48%)
- Magenta (0%)
- Yellow (80%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 195.2660, -71.1231, -54.6073 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 195.2660, -71.1231, -54.6073 by changing the saturation by 10% instead.

195.2660,
-71.1231, -54.6073

195.2660,
-71.1231, -54.6073

255.0000, 0.0000,
0.0000

162.8610,
-80.2905, -54.2521

220.9860,
-52.7441, -22.7897

135.3730,
-66.7389, -60.8401

233.6750,
-44.2098, -6.7310

103.3890,
-50.9708, -78.3942

245.6520,
-35.8174, 8.1982

83.3540, -41.0935,
-73.1015

249.0720,
-22.7135, 5.1989

67.5050, -33.2800,
-59.2019

252.3780,
-10.0464, 2.2995

52.2430, -25.7558,
-45.8171

37.5680, -18.5210,

-32.9471

■ 23.4800, -11.5756,
-20.5920

■ 0.5870, -0.2894,
-0.5148

■ 195.2660,
-71.1231, -54.6073

■ 195.2660,
-71.1231, -54.6073

■ 187.8170,
-80.2688, -61.2295

■ 202.7150,
-61.9775, -47.9851

■ 180.1830,
-88.8302, -68.5665

■ 210.0500,
-53.2687, -41.2629

■ 217.7980,
-44.2704, -34.0258

■ 225.1330,
-35.5616, -27.3036

■ 232.5820,
-26.4159, -20.6814

■ 240.2160,
-17.8545, -13.3444

■ 247.6650, -8.7088,
-6.7222

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



209.1290, -103.1006, 28.8279



195.2660, -71.1231, -54.6073



167.3550, -6.0910, -146.7703

Triad

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



195.2660, -71.1231, -54.6073



178.7550, 37.5888, -156.7681



168.3110, 15.6227, 76.0263

Complementary

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



195.2660, -71.1231, -54.6073



110.7340, 71.1231, 54.6073

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.



185.7340, 34.1481, 60.7463



195.2660, -71.1231, -54.6073



163.4930, 45.1130, -143.3834

Square

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



195.2660, -71.1231, -54.6073



178.7550, 37.5888, -156.7681



213.9100, 20.2574, 36.0359



177.5530, -35.2756, 67.9210

Rectangle

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



195.2660, -71.1231, -54.6073



175.1070, 23.6112, -153.5688



213.9100, 20.2574, 36.0359



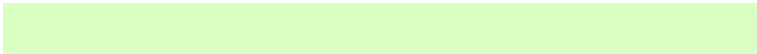
171.9590, 29.6002, 72.8270

Sweetspot

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



195.2660, -71.1231, -54.6073



236.9830, -21.1906, -16.6481



181.8490, -64.5086, 64.1534



116.9050, -12.7712, -10.4407



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.



195.2660, -71.1231, -54.6073



183.4160, -85.4941, -65.2628



172.6860, -51.6102, -106.7186



124.1260, -4.4991, -3.6185



135.1400, -66.6240, -50.9888



45.3420, -22.3536, -16.9629

Inverse Universe

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



110.7340, 71.1231, 54.6073



81.8830, 85.3467, 65.8776



133.3140, 51.6102, 106.7186



118.5750, 4.6465, 3.0037



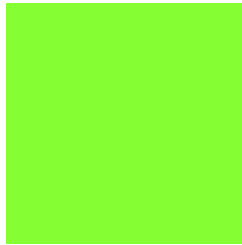
55.8600, 66.6240, 50.9888



18.6580, 22.3536, 16.9629

Previews

White Background



This preview shows how the YUV color 195.2660, -71.1231, -54.6073 looks on a white background.

Color Contrast Check

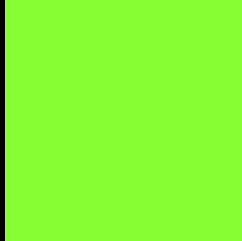
Large Text (above 18pt) WCAG AA × Fail

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 195.2660, -71.1231, -54.6073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

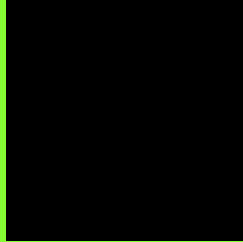
Any Text WCAG AA ✓ Pass

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 195.2660, -71.1231, -54.6073 Background



This preview shows how black text looks on a background with the YUV color 195.2660, -71.1231, -54.6073.



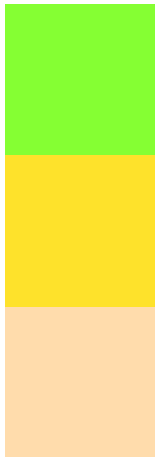
This preview shows how white text looks on a background with the YUV color 195.2660, -71.1231, -54.6073.

-54.6073.

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

195.2660, -71.1231, -54.6073

Protanopia

213.5100, -84.0614, 35.5097

Deuteranopia

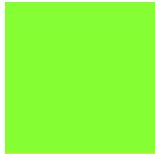
224.9930, -26.1255, 26.3161



Tritanopia

218.7200, 17.8860, -43.6044

Trichromacy



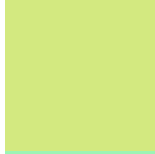
Original Color

195.2660, -71.1231, -54.6073



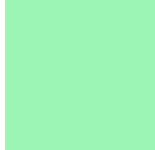
Protanomaly

207.1530, -79.4484, 2.4968



Deuteranomaly

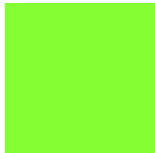
214.4520, -42.6208, -3.0274



Tritanomaly

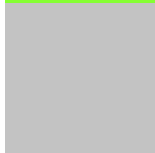
210.5060, -14.5465, -47.8018

Monochromacy



Original Color

195.2660, -71.1231, -54.6073



Achromatopsia

195.0000, 0.0000, 0.0000



Achromatomaly

195.1090, -25.6897, -20.2666

CSS Examples

Text

The CSS property to change the color of the text to YUV 195.2660, -71.1231, -54.6073 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(133, 255, 51)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 51)  
}
```

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(133, 255, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 51) }
```

Border

The CSS property to change the border of an element to YUV 195.2660, -71.1231, -54.6073 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(133, 255, 51) }
```


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

```
.border{ border-color:rgb(133, 255, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 255, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 51);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 195.2660, -71.1231, -54.6073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 51) }
```

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

```
.background{ background-color: rgb(133,  
255, 51) }
```

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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