

Converting Colors

YUV(173.5510, -66.8266,
-79.4132)

Have a look what the booklet for
YUV(173.5510, -66.8266, -79.4132)
contains.

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Color

**YUV(173.5510, -66.8266,
-79.4132)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 53F626 |
| RGB | 83, 246, 38 |
| RGB Percent | 33%, 96%, 15% |
| CMY | 0.6745, 0.0353, 0.8510 |
| CMYK | 0.66, 0.00, 0.85, 0.04 |
| HSL | 107°, 92%, 56% |
| HSV | 107°, 85%, 96% |
| XYZ | 36.8729, 67.8905, 12.9945 |
| YIQ | 173.5510, -30.3800, -99.2440 |

Conversions

Conversions Part 2

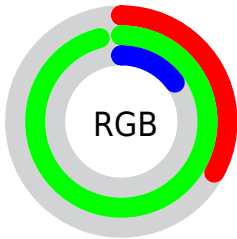
| Format | Color |
|-------------------------------------|--|
| RYB | 38, 246, 201 |
| Decimal | 5502502 |
| CIELab | 85.95, -74.78, 77.31 |
| CIELCh | 86, 107.561, 134.048 |
| Yxy | 67.8905, 0.3131, 0.5765 |
| Android (android.graphics.Color) | 4283692582 (0xFF53F626) |
| YUV | 173.5510, -66.8266, -79.4132 |
| Hunter-Lab | 82.3957, -64.3119, 48.3264 |

Details

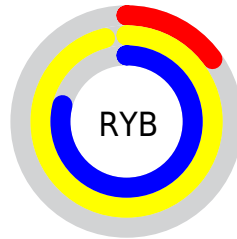
The YUV color **173.5510, -66.8266, -79.4132** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **110.4490, 66.8266, 79.4132**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1030, -50.3368, -48.3253**, and **110.3560, -54.4055, -96.7822** is the 20% darker color. If you saturate the color by 10%, you get **165.0200, -74.9459, -88.5945**, and if you desaturate by 10%, it is **182.0820, -58.7074, -70.2319**.

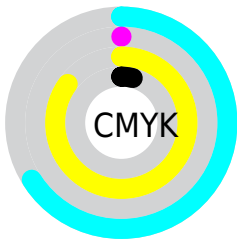
Distribution



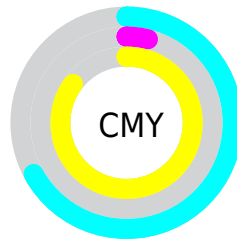
- Red (33%)
- Green (96%)
- Blue (15%)



- Red (15%)
- Yellow (96%)
- Blue (79%)



- Cyan (66%)
- Magenta (0%)
- Yellow (85%)
- Black (4%)



- Cyan (67%)
- Magenta (4%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.5510, -66.8266, -79.4132 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 173.5510, -66.8266, -79.4132 by changing the saturation by 10% instead.

■ 173.5510,
-66.8266, -79.4132

■ 173.5510,
-66.8266, -79.4132

■ 255.0000, 0.0000,
0.0000

■ 138.1430,
-68.1045, -89.5794

■ 207.1030,
-50.3368, -48.3253

■ 110.3560,
-54.4055, -96.7822

■ 219.9770,
-42.3867, -31.5518

■ 93.9200, -46.3026,
-82.3678

■ 232.5520,
-34.2891, -15.3931

■ 78.0710, -38.4890,
-68.4683

■ 245.5400,
-25.9022, 1.2804

■ 62.2220, -30.6754,
-54.5687

■ 251.2380,
-14.4143, 3.2993

■ 46.9600, -23.1513,
-41.1839

■ 254.6580, -1.3104,

■ 32.8720, -16.2059,

0.2999

-28.8287

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 173.5510,
-66.8266, -79.4132

■ 173.5510,
-66.8266, -79.4132

■ 165.0200,
-74.9459, -88.5945

■ 182.0820,
-58.7074, -70.2319

■ 160.2490,
-79.0028, -94.0574

■ 190.7980,
-51.1724, -60.3358

■ 199.3290,
-43.0532, -51.1545

■ 207.7460,
-35.3708, -41.8732

■ 216.2770,
-27.2516, -32.6919

■ 225.1070,
-19.2798, -22.8958

■ 233.5240,
-11.5973, -13.6145

■ 242.0550, -3.4781,
-4.4332

■ 249.7170, 2.6045,
4.6332

Harmonies

Analogous

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



196.0610, -96.6581, 15.7325



173.5510, -66.8266, -79.4132



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.



173.5510, -66.8266, -79.4132



171.1240, 41.3509, -150.0757



149.8570, 10.9165, 92.2104

Complementary

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



173.5510, -66.8266, -79.4132



110.4490, 66.8266, 79.4132

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.



167.5370, 43.1193, 76.7051



173.5510, -66.8266, -79.4132



152.9270, 50.3220, -134.1170

Square

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



173.5510, -66.8266, -79.4132



178.7550, 37.5888, -156.7681



200.4090, 26.9134, 47.8763



166.8610, -45.7805, 77.2979

Rectangle

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



173.5510, -66.8266, -79.4132



175.4490, 24.9216, -153.8688



200.4090, 26.9134, 47.8763



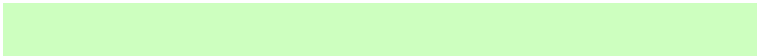
150.7980, 27.2146, 91.3852

Sweetspot

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



173.5510, -66.8266, -79.4132



232.7540, -20.5847, -24.3403



195.8730, -77.8314, 43.9614



114.5840, -12.6129, -14.5442



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.



173.5510, -66.8266, -79.4132



166.1300, -81.9021, -97.4610



166.8220, -34.4222, -112.9769



117.9410, -3.9149, -4.3333



121.1420, -59.7230, -71.1615



38.5200, -18.9904, -22.3810

Inverse Universe

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



110.4490, 66.8266, 79.4132



88.8700, 81.9021, 97.4610



117.1780, 34.4222, 112.9769



114.3580, 3.7675, 4.9480



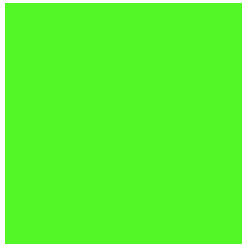
64.8580, 59.7230, 71.1615



20.4800, 18.9904, 22.3810

Previews

White Background



This preview shows how the YUV color 173.5510, -66.8266, -79.4132 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 173.5510, -66.8266, -79.4132 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

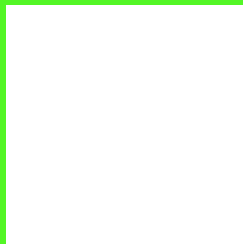
Any Text WCAG AAA ✓ Pass

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

YUV 173.5510, -66.8266, -79.4132 Background



This preview shows how black text looks on a background with the YUV color 173.5510, -66.8266, -79.4132.



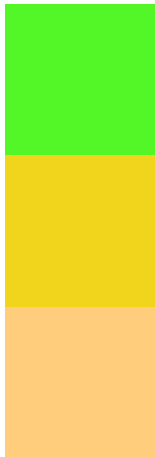
This preview shows how white text looks on a background with the YUV color 173.5510, -66.8266, -79.4132.

-79.4132.

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

173.5510, -66.8266, -79.4132

Protanopia

199.9830, -84.7876, 35.0949

Deuteranopia

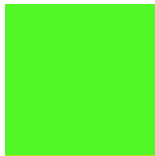
210.6020, -43.1878, 38.9370



Tritanopia

200.8530, 22.7505, -63.8921

Trichromacy



Original Color

173.5510, -66.8266, -79.4132



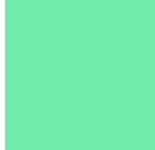
Protanomaly

190.4400, -78.1109, -6.5249



Deuteranomaly

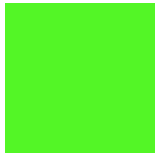
197.0360, -51.7827, -4.4166



Tritanomaly

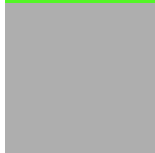
190.9270, -9.8240, -69.2190

Monochromacy



Original Color

173.5510, -66.8266, -79.4132



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.8090, -24.0628, -28.7735

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.5510, -66.8266, -79.4132 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(83, 246, 38)` looks like.

```
.text, #text, p{  
    color:rgb(83, 246, 38)  
}
```

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(83, 246, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 246, 38) }
```

Border

The CSS property to change the border of an element to YUV 173.5510, -66.8266, -79.4132 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(83, 246, 38) }
```


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

```
.border{ border-color:rgb(83, 246, 38) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 246, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 246, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 246, 38);  
box-shadow:4px 4px 4px 4px rgb(83, 246,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 173.5510, -66.8266, -79.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 246, 38) }
```

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

```
.background{ background-color: rgb(83, 246,  
38) }
```

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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