

Converting Colors

YUV(176.1550, -86.3514,
-70.2959)

Have a look what the booklet for
YUV(176.1550, -86.3514, -70.2959)
contains.

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Color

**YUV(176.1550, -86.3514,
-70.2959)**

Conversions

Conversions Part 1

Format	Color
Hex	60FB01
RGB	96, 251, 1
RGB Percent	38%, 98%, 0%
CMY	0.6235, 0.0157, 0.9961
CMYK	0.62, 0.00, 1.00, 0.02
HSL	97°, 99%, 49%
HSV	97°, 100%, 98%
XYZ	39.3265, 71.4833, 11.7537
YIQ	176.1550, -12.1300, -110.6100

Conversions

Conversions Part 2

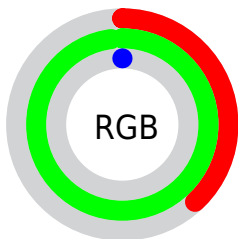
Format	Color
RYB	1, 251, 156
Decimal	6355713
CIELab	87.72, -74.49, 83.60
CIELCh	88, 111.968, 131.701
Yxy	71.4833, 0.3209, 0.5832
Android (android.graphics.Color)	4284545793 (0xFF60FB01)
YUV	176.1550, -86.3514, -70.2959
Hunter-Lab	84.5478, -64.9313, 50.9411

Details

The YUV color **176.1550, -86.3514, -70.2959** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated chartreuse. A complement of this color would be **75.8450, 86.3514, 70.2959**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9100, -57.6366, -40.2631**, and **113.2910, -55.8525, -99.3562** is the 20% darker color. If you saturate the color by 10%, you get **175.7420, -86.6408, -70.8107**, and if you desaturate by 10%, it is **183.7890, -77.7900, -62.9590**.

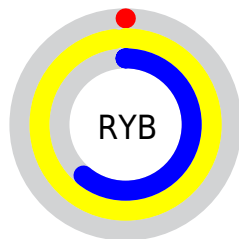
Distribution



Red (38%)

Green (98%)

Blue (0%)



Red (0%)

Yellow (98%)

Blue (61%)

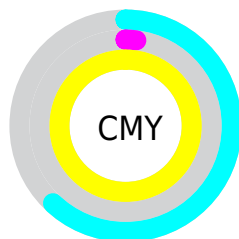


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (2%)



Cyan (62%)

Magenta (2%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.1550, -86.3514, -70.2959 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 176.1550, -86.3514, -70.2959 by changing the saturation by 10% instead.

■ 176.1550,
-86.3514, -70.2959

■ 176.1550,
-86.3514, -70.2959

■ 255.0000, 0.0000,
0.0000

■ 146.7590,
-72.3522, -80.4726

■ 208.9100,
-57.6366, -40.2631

■ 113.2910,
-55.8525, -99.3562

■ 222.0120,
-48.8129, -23.6895

■ 96.8550, -47.7495,
-84.9418

■ 235.0000,
-40.4260, -7.0160

■ 80.4190, -39.6466,
-70.5275

■ 246.7920,
-31.4495, 7.1984

■ 65.1570, -32.1224,
-57.1427

■ 250.0980,
-18.7823, 4.2991

■ 49.3080, -24.3088,
-43.2431

■ 253.6320, -5.2416,

■ 35.2200, -17.3635,

1.1997

-30.8879

■ 19.9580, -9.8393,
-17.5032

■ 0.0000, 0.0000,
0.0000

■ 176.1550,
-86.3514, -70.2959

■ 176.1550,
-86.3514, -70.2959

■ 175.7420,
-86.6408, -70.8107

■ 183.7890,
-77.7900, -62.9590

■ 191.1240,
-69.0811, -56.2367

■ 198.7580,
-60.5197, -48.8998

■ 206.0930,
-51.8108, -42.1776

■ 213.7270,
-43.2494, -34.8406

■ 221.1760,
-34.1038, -28.2184

■ 228.8100,
-25.5423, -20.8814

■ 236.1450,
-16.8335, -14.1592

■ 243.7790, -8.2720,
-6.8222

Harmonies

Analogous

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



201.9970, -99.5845, 21.0506



176.1550, -86.3514, -70.2959



166.5570, -9.1486, -146.0705

Triad

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



176.1550, -86.3514, -70.2959



175.8200, 39.0357, -154.1941



147.0020, 17.7470, 94.7142

Complementary

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



176.1550, -86.3514, -70.2959



75.8450, 86.3514, 70.2959

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.



168.1240, 42.8299, 76.1903



176.1550, -86.3514, -70.2959



158.2100, 47.7175, -138.7502

Square

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



176.1550, -86.3514, -70.2959



178.7550, 37.5888, -156.7681



204.5180, 24.8876, 44.2727



165.1970, -42.0021, 78.7572

Rectangle

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



176.1550, -86.3514, -70.2959



175.1070, 23.6112, -153.5688



204.5180, 24.8876, 44.2727



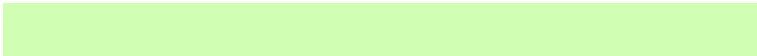
149.3450, 34.3399, 92.6594

Sweetspot

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



176.1550, -86.3514, -70.2959



232.2830, -26.2685, -21.2962



166.1480, -81.4180, 74.4152



114.0850, -15.8179, -13.2295



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.



176.1550, -86.3514, -70.2959



178.6880, -88.0932, -71.6404



151.0560, -59.6806, -131.5991



121.1260, -4.4991, -3.6185



132.4710, -65.3082, -53.0331



42.6840, -21.0432, -17.2629

Inverse Universe

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



75.8450, 86.3514, 70.2959



76.3120, 88.0932, 71.6404



100.9440, 59.6806, 131.5991



115.8740, 4.4991, 3.6185



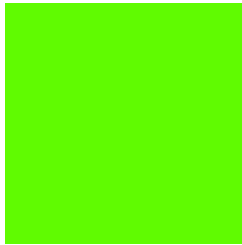
56.5290, 65.3082, 53.0331



18.3160, 21.0432, 17.2629

Previews

White Background



This preview shows how the YUV color 176.1550, -86.3514, -70.2959 looks on a white background.

Color Contrast Check

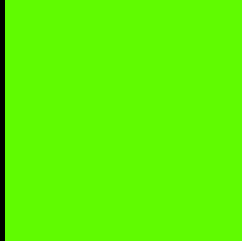
Large Text (above 18pt) WCAG AA × Fail

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 176.1550, -86.3514, -70.2959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

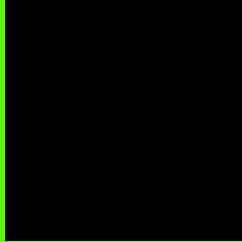
Any Text WCAG AA ✓ Pass

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 176.1550, -86.3514, -70.2959 Background



This preview shows how black text looks on a background with the YUV color 176.1550, -86.3514, -70.2959.



This preview shows how white text looks on a background with the YUV color 176.1550, -86.3514, -70.2959.

-70.2959.

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

176.1550, -86.3514, -70.2959

Protanopia

202.1070, -99.6388, 38.4942

Deuteranopia

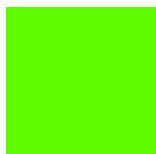
216.5180, -35.7514, 33.7487



Tritanopia

206.7610, 22.3028, -60.3034

Trichromacy



Original Color

176.1550, -86.3514, -70.2959



Protanomaly

192.7060, -95.0041, -1.4962



Deuteranomaly

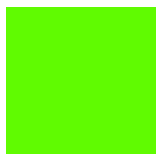
202.0530, -54.2561, -4.4315



Tritanomaly

196.0110, -17.2604, -64.0306

Monochromacy



Original Color

176.1550, -86.3514, -70.2959



Achromatopsia

176.0000, 0.0000, 0.0000



Achromatomaly

175.8820, -31.4938, -25.3295

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.1550, -86.3514, -70.2959 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(96, 251, 1)` looks like.

```
.text, #text, p{  
    color:rgb(96, 251, 1)  
}
```

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(96, 251, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 251, 1) }
```

Border

The CSS property to change the border of an element to YUV 176.1550, -86.3514, -70.2959 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(96, 251, 1) }
```


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

```
.border{ border-color:rgb(96, 251, 1) }
```

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

Here you see how a box with a 4 pixel rgb(96, 251, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 251, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 251, 1);  
box-shadow:4px 4px 4px 4px rgb(96, 251, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 176.1550, -86.3514, -70.2959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 251, 1) }
```

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

```
.background{ background-color: rgb(96, 251,  
1) }
```

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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