

Converting Colors

YUV(181.3950, -86.9627,
-60.8594)

Have a look what the booklet for
YUV(181.3950, -86.9627, -60.8594)
contains.

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Color

**YUV(181.3950, -86.9627,
-60.8594)**

Conversions

Conversions Part 1

Format	Color
Hex	70FB05
RGB	112, 251, 5
RGB Percent	44%, 98%, 2%
CMY	0.5608, 0.0157, 0.9804
CMYK	0.55, 0.00, 0.98, 0.02
HSL	94°, 97%, 50%
HSV	94°, 98%, 98%
XYZ	41.2067, 72.4501, 11.9560
YIQ	181.3950, -3.8780, -105.9740

Conversions

Conversions Part 2

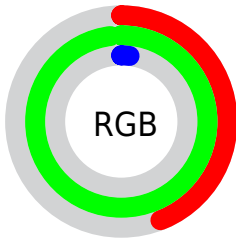
Format	Color
RYB	5, 251, 144
Decimal	7404293
CIELab	88.18, -70.65, 83.86
CIELCh	88, 109.650, 130.113
Yxy	72.4501, 0.3280, 0.5768
Android (android.graphics.Color)	4285594373 (0xFF70FB05)
YUV	181.3950, -86.9627, -60.8594
Hunter-Lab	85.1176, -62.5414, 51.2542

Details

The YUV color **181.3950, -86.9627, -60.8594** 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 **74.6050, 86.9627, 60.8594**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9110, -59.1161, -32.3709**, and **121.6630, -59.9799, -82.1425** is the 20% darker color. If you saturate the color by 10%, you get **179.9280, -88.7045, -62.2039**, and if you desaturate by 10%, it is **188.4310, -78.1065, -54.7520**.

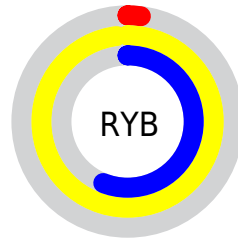
Distribution



Red (44%)

Green (98%)

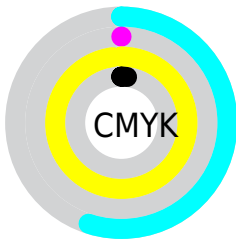
Blue (2%)



Red (2%)

Yellow (98%)

Blue (56%)

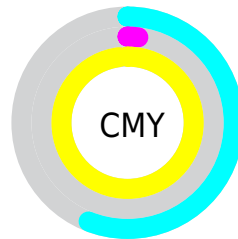


Cyan (55%)

Magenta (0%)

Yellow (98%)

Black (2%)



Cyan (56%)

Magenta (2%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.3950, -86.9627, -60.8594 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 181.3950, -86.9627, -60.8594 by changing the saturation by 10% instead.

181.3950,
-86.9627, -60.8594

181.3950,
-86.9627, -60.8594

255.0000, 0.0000,
0.0000

153.3370,
-75.5951, -66.9475

212.9110,
-59.1161, -32.3709

121.6630,
-59.9799, -82.1425

226.0130,
-50.2924, -15.7974

96.8550, -47.7495,
-84.9418

238.7020,
-41.7581, 0.2613

81.0060, -39.9360,
-71.0423

246.9060,
-31.0127, 7.0984

65.1570, -32.1224,
-57.1427

250.2120,
-18.3455, 4.1991

49.8950, -24.5982,
-43.7579

253.7460, -4.8048,

35.8070, -17.6529,

1.0998

-31.4027

■ 20.5450, -10.1287,
-18.0180

■ 0.0000, 0.0000,
0.0000

■ 181.3950,
-86.9627, -60.8594

■ 181.3950,
-86.9627, -60.8594

■ 179.9280,
-88.7045, -62.2039

■ 188.4310,
-78.1065, -54.7520

■ 195.4670,
-69.2502, -48.6446

■ 202.8020,
-60.5414, -41.9224

■ 209.8380,
-51.6851, -35.8149

■ 216.9880,
-42.3921, -29.8075

■ 224.0240,
-33.5358, -23.7000

■ 231.0600,
-24.6796, -17.5926

■ 238.0960,
-15.8233, -11.4852

■ 245.4310, -7.1145,
-4.7630

Harmonies

Analogous

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



203.5030, -100.3270, 25.8689



181.3950, -86.9627, -60.8594



166.2150, -10.4590, -145.7706

Triad

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



181.3950, -86.9627, -60.8594



176.9940, 38.4570, -155.2237



152.6100, 18.9263, 89.7960

Complementary

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



181.3950, -86.9627, -60.8594



74.6050, 86.9627, 60.8594

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.



173.9940, 39.9360, 71.0423



181.3950, -86.9627, -60.8594



159.9710, 46.8493, -140.2946

Square

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



181.3950, -86.9627, -60.8594



178.7550, 37.5888, -156.7681



208.0400, 23.1513, 41.1839



166.9240, -37.9235, 77.2427

Rectangle

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



181.3950, -86.9627, -60.8594



174.6510, 21.8641, -153.1689



208.0400, 23.1513, 41.1839



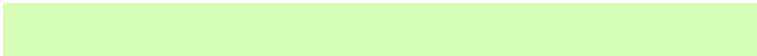
156.0130, 34.5036, 86.8116

Sweetspot

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



181.3950, -86.9627, -60.8594



234.0060, -26.1320, -18.4223



157.7990, -75.3299, 81.7373



115.0960, -15.8233, -11.4852



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.



181.3950, -86.9627, -60.8594



182.8740, -90.1569, -63.0335



150.7700, -65.9486, -127.8403



121.4250, -4.6465, -3.0037



135.4610, -66.7823, -46.8853



43.8800, -21.6328, -14.8038

Inverse Universe

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



74.6050, 86.9627, 60.8594



72.1260, 90.1569, 63.0335



105.2300, 65.9486, 127.8403



115.8740, 4.4991, 3.6185



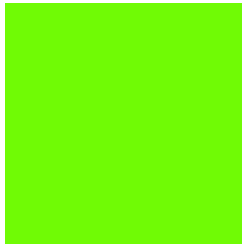
53.5390, 66.7823, 46.8853



17.4190, 21.4854, 15.4185

Previews

White Background



This preview shows how the YUV color 181.3950, -86.9627, -60.8594 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 181.3950, -86.9627, -60.8594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

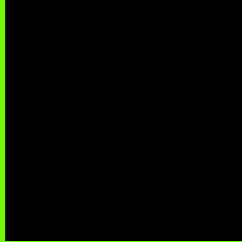
Any Text WCAG AA ✓ Pass

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 181.3950, -86.9627, -60.8594 Background



This preview shows how black text looks on a background with the YUV color 181.3950, -86.9627, -60.8594.



This preview shows how white text looks on a background with the YUV color 181.3950, -86.9627, -60.8594.

-60.8594.

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

181.3950, -86.9627, -60.8594

Protanopia

203.2920, -100.2230, 39.2089

Deuteranopia

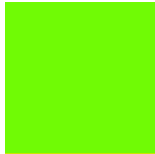
218.2620, -34.1462, 32.2192



Tritanopia

210.0500, 20.6814, -53.5408

Trichromacy



Original Color

181.3950, -86.9627, -60.8594



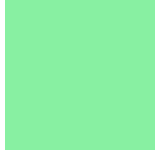
Protanomaly

195.3260, -95.3097, 3.2221



Deuteranomaly

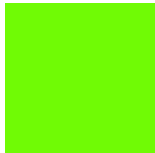
205.0040, -53.2460, -1.7575



Tritanomaly

200.0120, -18.7399, -56.1385

Monochromacy



Original Color

181.3950, -86.9627, -60.8594



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

180.9040, -31.5047, -21.8408

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.3950, -86.9627, -60.8594 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(112, 251, 5)` looks like.

```
.text, #text, p{  
    color:rgb(112, 251, 5)  
}
```

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(112, 251, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 251, 5) }
```

Border

The CSS property to change the border of an element to YUV 181.3950, -86.9627, -60.8594 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(112, 251, 5) }
```


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

```
.border{ border-color:rgb(112, 251, 5) }
```

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

Here you see how a box with a 4 pixel rgb(112, 251, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 251, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 251, 5);  
box-shadow:4px 4px 4px 4px rgb(112, 251,  
5) }
```

Background

The CSS property to change the background color of an element to YUV 181.3950, -86.9627, -60.8594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 251, 5) }
```

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

```
.background{ background-color: rgb(112,  
251, 5) }
```

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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