

Converting Colors

YUV(178.2240, -77.5114,
-58.9554)

Have a look what the booklet for
YUV(178.2240, -77.5114, -58.9554)
contains.

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Color

**YUV(178.2240, -77.5114,
-58.9554)**

Conversions

Conversions Part 1

Format	Color
Hex	6FF315
RGB	111, 243, 21
RGB Percent	44%, 95%, 8%
CMY	0.5647, 0.0471, 0.9176
CMYK	0.54, 0.00, 0.91, 0.05
HSL	96°, 90%, 52%
HSV	96°, 91%, 95%
XYZ	38.7415, 67.5348, 11.7031
YIQ	178.2240, -7.4100, -97.0260

Conversions

Conversions Part 2

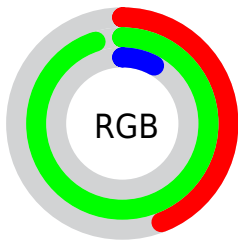
Format	Color
RYB	21, 243, 153
Decimal	7336725
CIELab	85.77, -67.96, 80.38
CIELCh	86, 105.256, 130.212
Yxy	67.5348, 0.3284, 0.5724
Android (android.graphics.Color)	4285526805 (0xFF6FF315)
YUV	178.2240, -77.5114, -58.9554
Hunter-Lab	82.1796, -59.6649, 49.0823

Details

The YUV color **178.2240, -77.5114, -58.9554** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **85.7760, 77.5114, 58.9554**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.6550, -57.5109, -33.9004**, and **118.4510, -58.3963, -76.6945** is the 20% darker color. If you saturate the color by 10%, you get **172.2420, -84.9153, -64.2332**, and if you desaturate by 10%, it is **185.1460, -69.0920, -52.7480**.

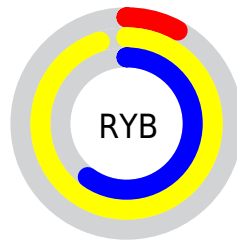
Distribution



Red (44%)

Green (95%)

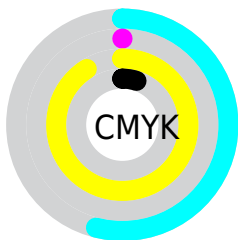
Blue (8%)



Red (8%)

Yellow (95%)

Blue (60%)

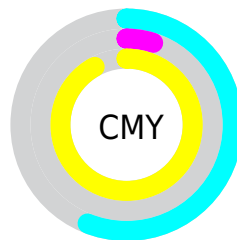


Cyan (54%)

Magenta (0%)

Yellow (91%)

Black (5%)



Cyan (56%)

Magenta (5%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the YUV color 178.2240, -77.5114, -58.9554 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 178.2240, -77.5114, -58.9554 by changing the saturation by 10% instead.

■ 178.2240,
-77.5114, -58.9554

■ 178.2240,
-77.5114, -58.9554

■ 255.0000, 0.0000,
0.0000

■ 148.6410,
-73.2800, -62.8292

■ 212.6550,
-57.5109, -33.9004

■ 118.4510,
-58.3963, -76.6945

■ 225.3440,
-48.9766, -17.8417

■ 92.7460, -45.7238,
-81.3382

■ 238.0330,
-40.4423, -1.7829

■ 76.8970, -37.9102,
-67.4387

■ 247.0200,
-30.5759, 6.9985

■ 61.0480, -30.0967,
-53.5391

■ 250.4400,
-17.4719, 3.9991

■ 46.3730, -22.8619,
-40.6691

■ 253.8600, -4.3680,

■ 32.2850, -15.9165,

0.9998

-28.3139

■ 17.0230, -8.3923,
-14.9292

■ 0.0000, 0.0000,
0.0000

■ 178.2240,
-77.5114, -58.9554

■ 178.2240,
-77.5114, -58.9554

■ 172.2420,
-84.9153, -64.2332

■ 185.1460,
-69.0920, -52.7480

■ 192.4810,
-60.3831, -46.0258

■ 199.4030,
-51.9637, -39.8184

■ 206.6240,
-43.6916, -32.9962

■ 213.5460,
-35.2722, -26.7888

■ 220.8810,
-26.5633, -20.0666

■ 227.8030,
-18.1439, -13.8592

■ 235.0240, -9.8718,
-7.0370

■ 242.0600, -1.0156,
-0.9296

Harmonies

Analogous

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



197.3010, -97.2694, 25.1690



178.2240, -77.5114, -58.9554



165.2860, -11.4800, -144.9558

Triad

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



178.2240, -77.5114, -58.9554



172.2980, 40.7721, -151.1053



153.1000, 15.7267, 89.3663

Complementary

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



178.2240, -77.5114, -58.9554



85.7760, 77.5114, 58.9554

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.



173.4070, 40.2253, 71.5571



178.2240, -77.5114, -58.9554



155.8620, 48.8750, -136.6910

Square

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



178.2240, -77.5114, -58.9554



178.7550, 37.5888, -156.7681



205.1050, 24.5982, 43.7579



165.6360, -37.7815, 78.3722

Rectangle

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



178.2240, -77.5114, -58.9554



173.8530, 18.8065, -152.4691



205.1050, 24.5982, 43.7579



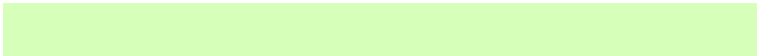
156.2750, 30.4304, 86.5818

Sweetspot

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



178.2240, -77.5114, -58.9554



234.8750, -24.0954, -18.3074



163.1010, -70.0558, 70.0714



115.8510, -14.2235, -11.2703



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.



178.2240, -77.5114, -58.9554



180.4820, -88.9776, -67.9517



153.3660, -56.3824, -116.0850



118.5390, -4.2097, -3.1037



131.6070, -64.8823, -49.6443



41.8090, -20.6118, -15.6185

Inverse Universe

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



85.7760, 77.5114, 58.9554



74.5180, 88.9776, 67.9517



110.6340, 56.3824, 116.0850



113.4610, 4.2097, 3.1037



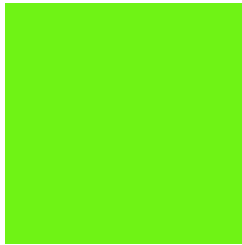
54.3930, 64.8823, 49.6443



17.1910, 20.6118, 15.6185

Previews

White Background



This preview shows how the YUV color 178.2240, -77.5114, -58.9554 looks on a white background.

Color Contrast Check

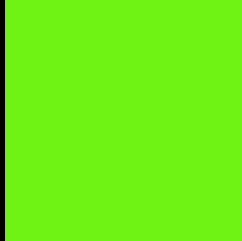
Large Text (above 18pt) WCAG AA × Fail

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 178.2240, -77.5114, -58.9554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

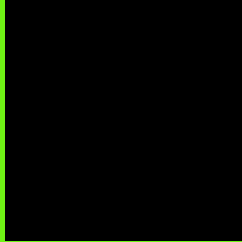
Any Text WCAG AA ✓ Pass

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 178.2240, -77.5114, -58.9554 Background



This preview shows how black text looks on a background with the YUV color 178.2240, -77.5114, -58.9554.



This preview shows how white text looks on a background with the YUV color 178.2240, -77.5114, -58.9554.

-58.9554.

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

178.2240, -77.5114, -58.9554

Protanopia

196.7910, -97.0180, 37.8943

Deuteranopia

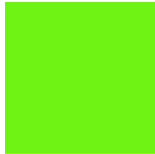
210.3740, -44.0614, 39.1370



Tritanopia

204.1320, 19.6549, -50.9818

Trichromacy



Original Color

178.2240, -77.5114, -58.9554



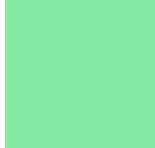
Protanomaly

190.1070, -89.7788, 2.5372



Deuteranomaly

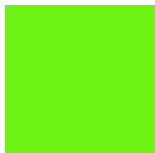
198.9400, -56.1724, 3.5606



Tritanomaly

194.5330, -15.5458, -53.9644

Monochromacy



Original Color

178.2240, -77.5114, -58.9554



Achromatopsia

178.0000, 0.0000, 0.0000



Achromatomaly

178.4140, -28.3051, -21.4111

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.2240, -77.5114, -58.9554 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(111, 243, 21)` looks like.

```
.text, #text, p{  
    color:rgb(111, 243, 21)  
}
```

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(111, 243, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 243, 21) }
```

Border

The CSS property to change the border of an element to YUV 178.2240, -77.5114, -58.9554 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(111, 243, 21) }
```


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

```
.border{ border-color:rgb(111, 243, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 243, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 243, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 243, 21);  
box-shadow:4px 4px 4px 4px rgb(111, 243,  
21) }
```

Background

The CSS property to change the background color of an element to YUV 178.2240, -77.5114, -58.9554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 243, 21) }
```

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

```
.background{ background-color: rgb(111,  
243, 21) }
```

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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