

Converting Colors

YUV(115.8020, -57.0904,
-28.7674)

Have a look what the booklet for
YUV(115.8020, -57.0904, -28.7674)
contains.

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Color

**YUV(115.8020, -57.0904,
-28.7674)**

Conversions

Conversions Part 1

Format	Color
Hex	539B00
RGB	83, 155, 0
RGB Percent	33%, 61%, 0%
CMY	0.6745, 0.3922, 1.0000
CMYK	0.46, 0.00, 1.00, 0.39
HSL	88°, 100%, 30%
HSV	88°, 100%, 61%
XYZ	15.2886, 25.2817, 4.0741
YIQ	115.8020, 6.8430, -63.4690

Conversions

Conversions Part 2

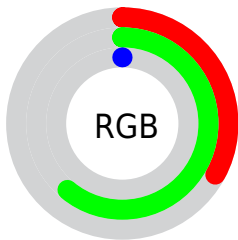
Format	Color
RYB	0, 155, 72
Decimal	5479168
CIELab	57.35, -44.24, 59.57
CIELCh	57, 74.198, 126.597
Yxy	25.2817, 0.3425, 0.5663
Android (android.graphics.Color)	4283669248 (0xFF539B00)
YUV	115.8020, -57.0904, -28.7674
Hunter-Lab	50.2809, -33.7161, 30.3926

Details

The YUV color **115.8020, -57.0904, -28.7674** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **39.1980, 57.0904, 28.7674**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.9250, -50.2490, -29.7522**, and **66.1420, -32.6080, -41.3435** is the 20% darker color. If you saturate the color by 10%, you get **115.8020, -57.0904, -28.7674**, and if you desaturate by 10%, it is **119.6050, -51.5703, -25.9636**.

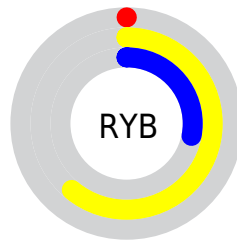
Distribution



Red (33%)

Green (61%)

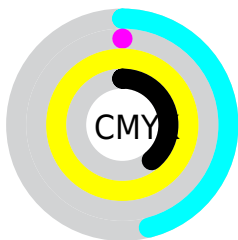
Blue (0%)



Red (0%)

Yellow (61%)

Blue (28%)

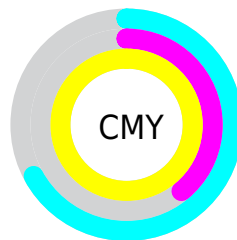


Cyan (46%)

Magenta (0%)

Yellow (100%)

Black (39%)



Cyan (67%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.8020, -57.0904, -28.7674 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 115.8020, -57.0904, -28.7674 by changing the saturation by 10% instead.

■ 115.8020,
-57.0904, -28.7674

■ 115.8020,
-57.0904, -28.7674

■ 255.0000, 0.0000,
0.0000

■ 91.8690, -45.2914,
-33.2111

■ 172.9250,
-50.2490, -29.7522

■ 66.1420, -32.6080,
-41.3435

■ 201.6970,
-51.1226, -29.5523

■ 45.7860, -22.5725,
-40.1543

■ 222.9520,
-47.7973, -22.7599

■ 31.6980, -15.6271,
-27.7991

■ 234.7010,
-40.2786, -7.6308

■ 19.3710, -9.5499,
-16.9884


■ 246.5640,
-32.3231, 7.3984


■ 0.0000, 0.0000,
0.0000


■ 249.8700,


-19.6559, 4.4990


 253.1760, -6.9888,
1.5996

 115.8020,
-57.0904, -28.7674

 119.6050,
-51.5703, -25.9636

 123.5220,
-45.6133, -23.2598

 127.7380,
-39.8038, -19.9412

 131.5410,
-34.2837, -17.1375

 135.4580,
-28.3268, -14.4337

■ 139.2610,
-22.8067, -11.6299

■ 143.0640,
-17.2866, -8.8261

■ 147.2800,
-11.4770, -5.5076

■ 151.0830, -5.9569,
-2.7038

Harmonies

Analogous

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



127.9270, -63.0680, 21.9890



115.8020, -57.0904, -28.7674



105.1430, -10.9165, -92.2104

Triad

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



115.8020, -57.0904, -28.7674



121.8160, 65.6597, -106.8326



124.9210, 0.5319, 109.6943

Complementary

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



115.8020, -57.0904, -28.7674



39.1980, 57.0904, 28.7674

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.



135.3080, 26.9632, 78.6599



115.8020, -57.0904, -28.7674



111.8370, 70.5794, -98.0810

Square

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



115.8020, -57.0904, -28.7674



121.2510, 45.7253, -106.3371



140.3780, 50.5926, 12.8235



128.0760, -31.5895, 99.0343

Rectangle

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



115.8020, -57.0904, -28.7674



112.0340, 7.8712, -98.2538



140.3780, 50.5926, 12.8235



127.4070, 10.1523, 104.0061

Sweetspot

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



115.8020, -57.0904, -28.7674



185.7880, -22.0805, -11.2151



87.4350, -43.1055, 59.2545



92.6990, -13.6556, -6.7520



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.8020, -57.0904, -28.7674



150.2790, -74.0875, -37.0787



93.3770, -46.0349, -74.8756



74.8920, -2.9048, -1.6593



104.6050, -51.5703, -25.9636



9.7240, -4.7939, -2.3889

Inverse Universe

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



39.1980, 57.0904, 28.7674



51.0200, 73.9401, 37.6935



61.6230, 46.0349, 74.8756



70.8090, 3.0522, 1.0445



35.3950, 51.5703, 25.9636



3.2760, 4.7939, 2.3889

Previews

White Background



This preview shows how the YUV color 115.8020, -57.0904, -28.7674 looks on a white background.

Color Contrast Check

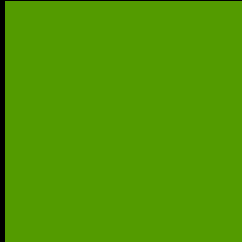
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.8020, -57.0904, -28.7674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

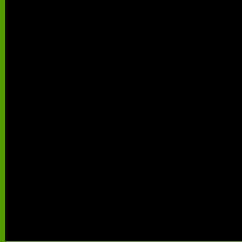
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.8020, -57.0904, -28.7674 Background



This preview shows how black text looks on a background with the YUV color 115.8020, -57.0904, -28.7674.



This preview shows how white text looks on a background with the YUV color 115.8020, -57.0904, -28.7674.

-28.7674.

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



Protanopia

126.7640, -62.4947, 24.7630

Deuteranopia

131.2720, -49.4341, 35.7185

Tritanopia

132.8100, 11.4327, -27.0204

Trichromacy



Protanomaly

123.0990, -60.6878, 5.1752

Deuteranomaly

125.7330, -52.1264, 12.5122

Tritanomaly

126.5670, -13.5905, -27.6843

Monochromacy



Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.8420, -20.6281, -10.3854

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.8020, -57.0904, -28.7674 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, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(83, 155, 0)  
}
```

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, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 155, 0) }
```

Border

The CSS property to change the border of an element to YUV 115.8020, -57.0904, -28.7674 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, 155, 0) }
```

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

```
.border{ border-color:rgb(83, 155, 0) }
```

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

Here you see how a box with a 4 pixel rgb(83, 155, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(83, 155, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 115.8020, -57.0904, -28.7674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 155, 0) }
```

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

```
.background{ background-color: rgb(83, 155,  
0) }
```

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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