

Converting Colors

YUV(61.8510, 3.0315, 54.5047)

Have a look what the booklet for
YUV(61.8510, 3.0315, 54.5047)
contains.

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Color

**YUV(61.8510, 3.0315,
54.5047)**

Conversions

Conversions Part 1

Format	Color
Hex	7C1D44
RGB	124, 29, 68
RGB Percent	49%, 11%, 27%
CMY	0.5137, 0.8863, 0.7333
CMYK	0.00, 0.77, 0.45, 0.51
HSL	335°, 62%, 30%
HSV	335°, 77%, 49%
XYZ	9.7949, 5.5812, 6.0299
YIQ	61.8510, 44.1010, 32.2690

Conversions

Conversions Part 2

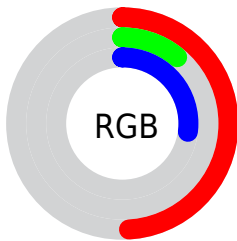
Format	Color
RYB	124, 29, 68
Decimal	8133956
CIELab	28.33, 43.34, 0.20
CIElCh	28, 43.340, 0.262
Yxy	5.5812, 0.4576, 0.2607
Android (android.graphics.Color)	4286324036 (0xFF7C1D44)
YUV	61.8510, 3.0315, 54.5047
Hunter-Lab	23.6245, 32.6648, 1.4041

Details

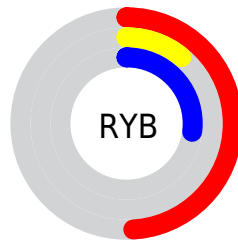
The YUV color **61.8510, 3.0315, 54.5047** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **91.1490, -3.0315, -54.5047**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.1780, 0.4052, 56.8489**, and **23.7800, 0.6015, 40.5349** is the 20% darker color. If you saturate the color by 10%, you get **54.0090, 3.4466, 61.3821**, and if you desaturate by 10%, it is **69.6930, 2.6164, 47.6272**.

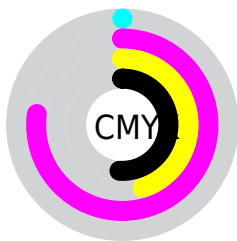
Distribution



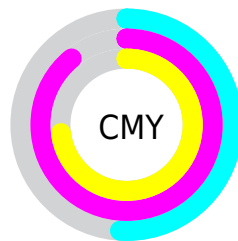
- Red (49%)
- Green (11%)
- Blue (27%)



- Red (49%)
- Yellow (11%)
- Blue (27%)



- Cyan (0%)
- Magenta (77%)
- Yellow (45%)
- Black (51%)



- Cyan (51%)
- Magenta (89%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.8510, 3.0315, 54.5047 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 61.8510, 3.0315, 54.5047 by changing the saturation by 10% instead.

61.8510, 3.0315,
54.5047

61.8510, 3.0315,
54.5047

255.0000, 0.0000,
0.0000

34.2470, 5.7942,
55.0344

115.1780, 0.4052,
56.8489

23.7800, 0.6015,
40.5349

141.9610, -0.4738,
58.7932

14.2810, -6.0545,
28.6946

169.8580, -0.9160,
60.6375

0.0000, 0.0000,
0.0000

193.5690, 0.7055,
53.8750

213.1970, 4.8329,
36.6612

232.8250, 8.9603,

19.4475

250.3040, 2.3151,
4.1184

61.8510, 3.0315,
54.5047

61.8510, 3.0315,
54.5047

54.0090, 3.4466,
61.3821

69.6930, 2.6164,
47.6272

45.4660, 3.7143,
68.8743

78.2360, 2.3487,
40.1350

42.8900, 3.9982,
71.1335

86.0780, 1.9335,
33.2576

94.5070, 1.2290,
25.8654

102.4630, 1.2507,
18.8879

■ 110.3050, 0.8356,
12.0105

■ 118.7340, 0.1311,
4.6183

■ 126.5760, -0.2840,
-2.2592

■ 135.1190, -0.5517,
-9.7514

Harmonies

Analogous

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



67.2750, 16.6264, 33.9618



61.8510, 3.0315, 54.5047



61.8990, -13.2612, 53.5856

Triad

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



61.8510, 3.0315, 54.5047



57.7900, -28.4905, -8.5858



60.0360, 32.0273, -52.6516

Complementary

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



61.8510, 3.0315, 54.5047



91.1490, -3.0315, -54.5047

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.



59.5340, 19.9497, -52.2113



61.8510, 3.0315, 54.5047



49.9070, -9.3212, -43.7684

Square

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



61.8510, 3.0315, 54.5047



62.6730, -30.8978, 16.9498



55.6580, 5.0986, -48.8121



56.9530, 37.9842, -49.9478

Rectangle

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



61.8510, 3.0315, 54.5047



63.2710, -24.2906, 44.4893



55.6580, 5.0986, -48.8121



60.4120, 28.3909, -52.9813

Sweetspot

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



61.8510, 3.0315, 54.5047



136.7730, 1.0979, 21.2471



56.2750, 33.3884, 24.3148



66.9030, 0.5408, 13.2401



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



61.8510, 3.0315, 54.5047



64.2060, 4.8284, 84.8883



62.1010, -16.3188, 54.2854



57.1360, 0.4260, 3.3887



43.1890, 3.8508, 71.7482



87.2040, 8.2804, 144.5261

Inverse Universe

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



61.8510, 3.0315, 54.5047



64.2060, 4.8284, 84.8883



90.8990, 16.3188, -54.2854



57.1360, 0.4260, 3.3887



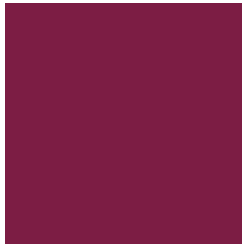
43.1890, 3.8508, 71.7482



87.2040, 8.2804, 144.5261

Previews

White Background



This preview shows how the YUV color 61.8510, 3.0315, 54.5047 looks on a white background.

Color Contrast Check

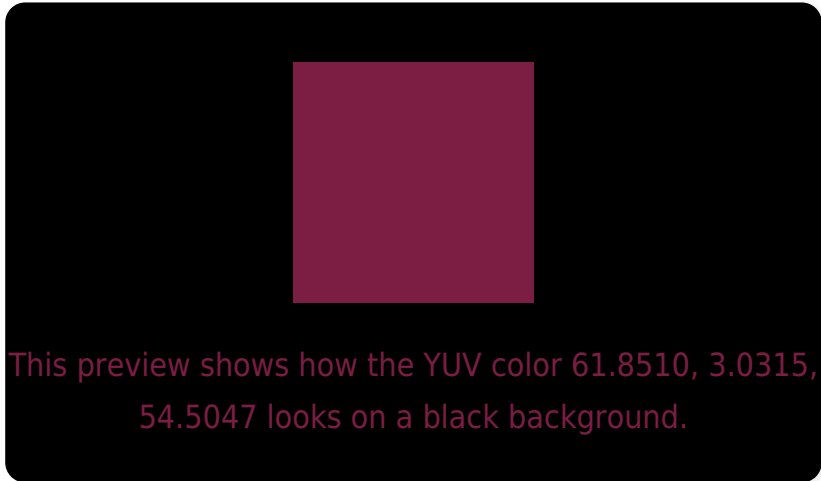
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

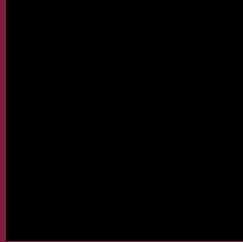
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.8510, 3.0315, 54.5047

Background



This preview shows how black text looks on a background with the YUV color 61.8510, 3.0315, 54.5047.



This preview shows how white text looks on a background with the YUV color 61.8510, 3.0315,

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

61.8510, 3.0315, 54.5047

Protanopia

68.8280, 10.9308, -5.9882

Deuteranopia

68.9470, -2.9319, 7.0625



Tritanopia

62.6430, -11.6560, 52.0561

Trichromacy



Original Color

61.8510, 3.0315, 54.5047

Protanomaly

66.5750, 8.0975, 16.1587

Deuteranomaly

66.6270, -0.8021, 24.0061

Tritanomaly

62.4350, -6.1305, 53.1155

Monochromacy



Original Color

61.8510, 3.0315, 54.5047

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.0610, 0.9559, 20.1175

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.8510, 3.0315, 54.5047 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(124, 29, 68)` looks like.

```
.text, #text, p{  
    color:rgb(124, 29, 68)  
}
```

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(124, 29, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 29, 68) }
```

Border

The CSS property to change the border of an element to YUV 61.8510, 3.0315, 54.5047 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(124, 29, 68) }
```


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

```
.border{ border-color:rgb(124, 29, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 29, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 29, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 29, 68);  
box-shadow:4px 4px 4px 4px rgb(124, 29,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 61.8510, 3.0315, 54.5047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 29, 68) }
```

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

```
.background{ background-color: rgb(124, 29,  
68) }
```

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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