

Converting Colors

YUV(57.1330, 8.8084, 68.2894)

Have a look what the booklet for
YUV(57.1330, 8.8084, 68.2894)
contains.

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Color

**YUV(57.1330, 8.8084,
68.2894)**

Conversions

Conversions Part 1

Format	Color
Hex	870E4B
RGB	135, 14, 75
RGB Percent	53%, 5%, 29%
CMY	0.4706, 0.9451, 0.7059
CMYK	0.00, 0.90, 0.44, 0.47
HSL	330°, 81%, 29%
HSV	330°, 90%, 53%
XYZ	11.4187, 5.9730, 7.2077
YIQ	57.1330, 52.5350, 44.6230

Conversions

Conversions Part 2

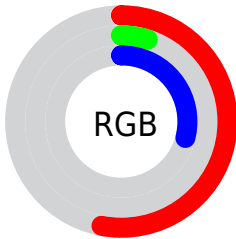
Format	Color
R_{YB}	135, 14, 75
Decimal	8851019
CIE _{Lab}	29.34, 51.27, -2.73
CIE _{LCh}	29, 51.339, 356.957
Yxy	5.9730, 0.4642, 0.2428
Android (android.graphics.Color)	4287041099 (0xFF870E4B)
YUV	57.1330, 8.8084, 68.2894
Hunter-Lab	24.4397, 40.6294, -0.3779

Details

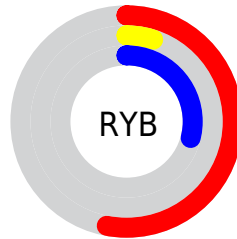
The YUV color **57.1330, 8.8084, 68.2894** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **91.8670, -8.8084, -68.2894**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.4550, 3.7197, 67.1300**, and **27.1550, 1.8956, 45.4681** is the 20% darker color. If you saturate the color by 10%, you get **48.7040, 9.5129, 75.6816**, and if you desaturate by 10%, it is **66.1490, 7.8145, 60.3823**.

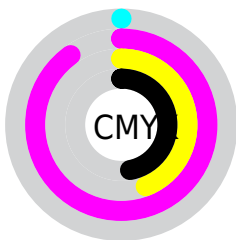
Distribution



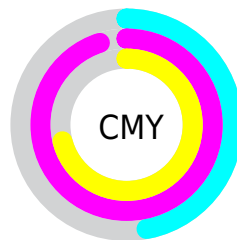
- Red (53%)
- Green (5%)
- Blue (29%)



- Red (53%)
- Yellow (5%)
- Blue (29%)



- Cyan (0%)
- Magenta (90%)
- Yellow (44%)
- Black (47%)



- Cyan (47%)
- Magenta (95%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.1330, 8.8084, 68.2894 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 57.1330, 8.8084, 68.2894 by changing the saturation by 10% instead.

57.1330, 8.8084,
68.2894

57.1330, 8.8084,
68.2894

255.0000, 0.0000,
0.0000

37.9210, 6.9409,
60.5823

116.4550, 3.7197,
67.1300

27.1550, 1.8956,
45.4681

143.8250, 2.5513,
68.5595

17.4280, -5.6340,
33.8276

171.7220, 2.1091,
70.4038

4.1860, -2.0637,
8.6069

192.1330, 5.3574,
55.1344


0.0000, 0.0000,
0.0000


211.8750, 9.9216,
37.8206


230.9330, 11.8650,

21.1068


 248.5430, 3.1833,
5.6628


 57.1330, 8.8084,
68.2894


 57.1330, 8.8084,
68.2894

 48.7040, 9.5129,
75.6816


 66.1490, 7.8145,
60.3823

 48.1170, 9.8023,
76.1964

 74.4640, 6.6732,
53.0901

 83.4800, 5.6794,
45.1830

 91.9090, 4.9749,
37.7908

 100.8110, 3.5442,
29.9838

■ 109.2400, 2.8397,
22.5915

■ 118.2560, 1.8458,
14.6845

■ 126.6850, 1.1413,
7.2923

■ 135.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



68.0890, 22.1411, 38.5099



57.1330, 8.8084, 68.2894



59.1440, -11.4100, 66.5257

Triad

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



57.1330, 8.8084, 68.2894



60.1490, -29.6535, -8.9007



64.2250, 35.3851, -56.3253

Complementary

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



57.1330, 8.8084, 68.2894



91.8670, -8.8084, -68.2894

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.



62.3380, 20.5394, -54.6704



57.1330, 8.8084, 68.2894



51.1150, -14.8467, -44.8279

Square

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



57.1330, 8.8084, 68.2894



65.3530, -32.2190, 20.7384



57.7780, 3.0674, -50.6713



61.7120, 43.5260, -54.1214

Rectangle

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



57.1330, 8.8084, 68.2894



62.4680, -26.3597, 54.8406



57.7780, 3.0674, -50.6713



64.3730, 30.8751, -56.4551

Sweetspot

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



57.1330, 8.8084, 68.2894



145.0880, 3.4076, 27.1098



45.1360, 44.3030, 23.5597



70.9680, 1.9878, 15.8141



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



57.1330, 8.8084, 68.2894



62.7700, 12.9314, 99.3027



50.4070, -16.9627, 74.1881



62.1360, 0.4260, 3.3887



46.3940, 9.6658, 73.3225



1.0110, -0.0054, 1.7444

Inverse Universe

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



57.1330, 8.8084, 68.2894



62.7700, 12.9314, 99.3027



98.5930, 16.9627, -74.1881



62.1360, 0.4260, 3.3887



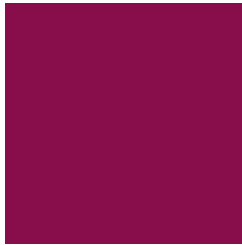
46.3940, 9.6658, 73.3225



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 57.1330, 8.8084, 68.2894 looks on a white background.

Color Contrast Check

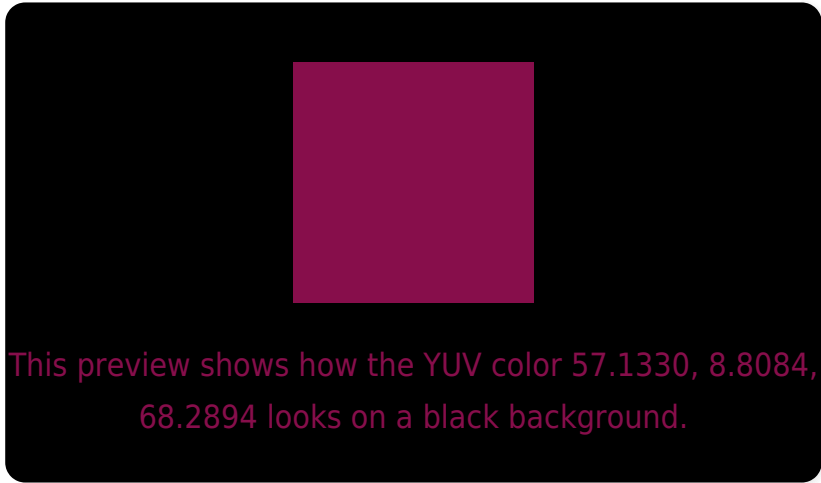
Large Text (above 18pt) WCAG AA ✓ Pass

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

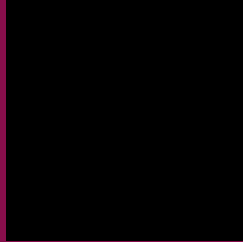
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.1330, 8.8084, 68.2894

Background



This preview shows how black text looks on a background with the YUV color 57.1330, 8.8084, 68.2894.



This preview shows how white text looks on a background with the YUV color 57.1330, 8.8084,

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

57.1330, 8.8084, 68.2894

Protanopia

70.8150, 17.3462, -10.3618

Deuteranopia

71.9900, -1.4741, 6.1478



Tritanopia

62.3130, -14.4513, 61.9925

Trichromacy



Original Color

57.1330, 8.8084, 68.2894

Protanomaly

66.1930, 14.2019, 18.2477

Deuteranomaly

66.4580, 2.2392, 28.5393

Tritanomaly

60.2130, -6.0210, 64.7112

Monochromacy



Original Color

57.1330, 8.8084, 68.2894

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.7780, 3.5604, 24.7507

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.1330, 8.8084, 68.2894 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(135, 14, 75)` looks like.

```
.text, #text, p{  
    color:rgb(135, 14, 75)  
}
```

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(135, 14, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 14, 75) }
```

Border

The CSS property to change the border of an element to YUV 57.1330, 8.8084, 68.2894 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(135, 14, 75) }
```


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

```
.border{ border-color:rgb(135, 14, 75) }
```

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

Here you see how a box with a 4 pixel rgb(135, 14, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 14, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 14, 75);  
box-shadow:4px 4px 4px 4px rgb(135, 14,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 57.1330, 8.8084, 68.2894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 14, 75) }
```

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

```
.background{ background-color: rgb(135, 14,  
75) }
```

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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