

Converting Colors

YUV(54.5850, -13.5994,
68.7700)

Have a look what the booklet for
YUV(54.5850, -13.5994, 68.7700)
contains.

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Color

**YUV(54.5850, -13.5994,
68.7700)**

Conversions

Conversions Part 1

Format	Color
Hex	85141B
RGB	133, 20, 27
RGB Percent	52%, 8%, 11%
CMY	0.4784, 0.9216, 0.8941
CMYK	0.00, 0.85, 0.80, 0.48
HSL	356°, 74%, 30%
HSV	356°, 85%, 52%
XYZ	10.1209, 5.5660, 1.5778
YIQ	54.5850, 65.1010, 26.1330

Conversions

Conversions Part 2

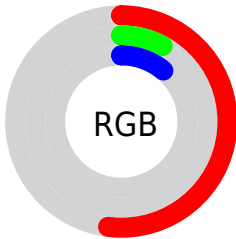
Format	Color
R_{YB}	133, 20, 27
Decimal	8721435
CIE _{Lab}	28.29, 46.08, 27.60
CIE _{LCh}	28, 53.718, 30.919
Yxy	5.5660, 0.5862, 0.3224
Android (android.graphics.Color)	4286911515 (0xFF85141B)
YUV	54.5850, -13.5994, 68.7700
Hunter-Lab	23.5923, 35.2879, 12.5494

Details

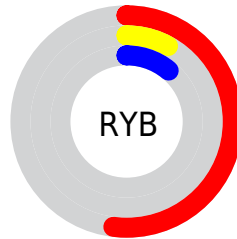
The YUV color **54.5850, -13.5994, 68.7700** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **98.4150, 13.5994, -68.7700**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.0000, -19.7200, 71.9140**, and **22.4250, -11.0555, 46.1083** is the 20% darker color. If you saturate the color by 10%, you get **45.5860, -15.0789, 76.6621**, and if you desaturate by 10%, it is **63.5840, -12.1199, 60.8778**.

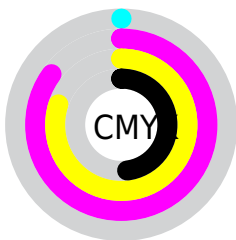
Distribution



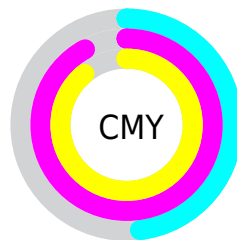
- Red (52%)
- Green (8%)
- Blue (11%)



- Red (52%)
- Yellow (8%)
- Blue (11%)



- Cyan (0%)
- Magenta (85%)
- Yellow (80%)
- Black (48%)



- Cyan (48%)
- Magenta (92%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.5850, -13.5994, 68.7700 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 54.5850, -13.5994, 68.7700 by changing the saturation by 10% instead.

■ 54.5850, -13.5994,
68.7700

■ 54.5850, -13.5994,
68.7700

255.0000, 0.0000,
0.0000

■ 31.3240, -14.4567,
63.7369

■ 111.0000,
-19.7200, 71.9140

■ 22.4250, -11.0555,
46.1083

■ 137.9680,
-21.1832, 74.5731

■ 14.8790, -6.3493,
29.9241

■ 165.8220,
-23.0832, 77.3321

■ 0.0000, 0.0000,
0.0000

■ 184.9340,
-19.6875, 61.4479

■ 204.4480,
-15.9969, 44.3341

■ 224.5490,

-12.5957, 26.7055

244.7640, -8.7577,
8.9770

54.5850, -13.5994,
68.7700

54.5850, -13.5994,
68.7700

45.5860, -15.0789,
76.6621

63.5840, -12.1199,
60.8778

40.6790, -16.1107,
80.9655

73.2840, -10.4930,
52.3709

82.2830, -9.0135,
44.4788

91.3960, -7.0972,
36.4867

100.9820, -5.9071,
28.0798

■ 110.0950, -3.9908,
20.0877

■ 119.0940, -2.5113,
12.1956

■ 128.2070, -0.5951,
4.2035

■ 137.7930, 0.5951,
-4.2035

Harmonies

Analogous

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



48.3020, 9.2181, 76.9111



54.5850, -13.5994, 68.7700



61.9630, -30.5478, 44.7594

Triad

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



54.5850, -13.5994, 68.7700



50.0550, -13.8311, -43.8982



59.4780, 45.1203, -52.1622

Complementary

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



54.5850, -13.5994, 68.7700



98.4150, 13.5994, -68.7700

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.



63.5070, 37.7110, -55.6956



54.5850, -13.5994, 68.7700



56.9460, 4.9566, -49.9416

Square

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



54.5850, -13.5994, 68.7700



56.5720, -27.8900, -14.5336



61.7340, 23.3021, -54.1407



66.3700, 35.8066, -4.7095

Rectangle

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



54.5850, -13.5994, 68.7700



63.6140, -31.3617, 25.7715



61.7340, 23.3021, -54.1407



61.7120, 43.5260, -54.1214

Sweetspot

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



54.5850, -13.5994, 68.7700



143.1990, -5.0281, 26.1355



64.2770, 33.8804, 53.2541



68.8880, -3.3958, 15.8842



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



54.5850, -13.5994, 68.7700



52.9810, -20.6966, 105.2567



82.5500, -30.8371, 44.2447



61.7940, -0.8844, 3.6887



39.7820, -15.6685, 79.1212



0.8970, -0.4422, 1.8443

Inverse Universe

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



54.5850, -13.5994, 68.7700



52.9810, -20.6966, 105.2567



70.4500, 30.8371, -44.2447



61.7940, -0.8844, 3.6887



39.7820, -15.6685, 79.1212



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 54.5850, -13.5994, 68.7700 looks on a white background.

Color Contrast Check

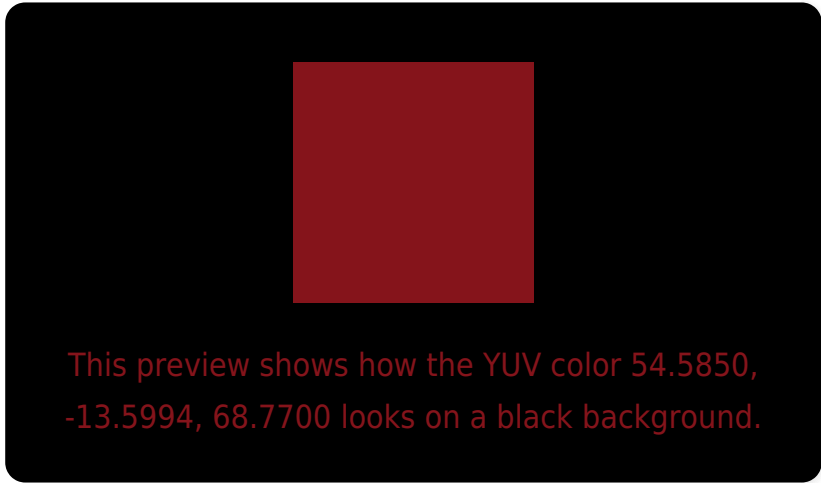
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.5850, -13.5994, 68.7700

Background



This preview shows how black text looks on a background with the YUV color 54.5850, -13.5994, 68.7700.



This preview shows how white text looks on a background with the YUV color 54.5850, -13.5994,

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

54.5850, -13.5994, 68.7700

Protanopia

67.4880, -13.5516, 6.5880

Deuteranopia

66.2200, -23.7725, 18.2241



Tritanopia

54.3740, -16.9464, 68.9550

Trichromacy



Original Color

54.5850, -13.5994, 68.7700

Protanomaly

62.6310, -13.6221, 29.2646

Deuteranomaly

62.2530, -20.3377, 36.6121

Tritanomaly

54.7160, -15.6360, 68.6551

Monochromacy



Original Color

54.5850, -13.5994, 68.7700

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.6010, -4.7333, 24.9059

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.5850, -13.5994, 68.7700 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(133, 20, 27)` looks like.

```
.text, #text, p{  
    color:rgb(133, 20, 27)  
}
```

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(133, 20, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 20, 27) }
```

Border

The CSS property to change the border of an element to YUV 54.5850, -13.5994, 68.7700 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(133, 20, 27) }
```


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

```
.border{ border-color:rgb(133, 20, 27) }
```

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

Here you see how a box with a 4 pixel rgb(133, 20, 27) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 20, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 20, 27);  
box-shadow:4px 4px 4px 4px rgb(133, 20,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 54.5850, -13.5994, 68.7700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 20, 27) }
```

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

```
.background{ background-color: rgb(133, 20,  
27) }
```

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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