

Converting Colors

YUV(54.6300, 38.6364, 67.8535)

Have a look what the booklet for
YUV(54.6300, 38.6364, 67.8535)
contains.

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Color

**YUV(54.6300, 38.6364,
67.8535)**

Conversions

Conversions Part 1

Format	Color
Hex	840085
RGB	132, 0, 133
RGB Percent	52%, 0%, 52%
CMY	0.4824, 1.0000, 0.4784
CMYK	0.01, 1.00, 0.00, 0.48
HSL	300°, 100%, 26%
HSV	300°, 100%, 52%
XYZ	13.7494, 6.5990, 22.7394
YIQ	54.6300, 35.9790, 69.3470

Conversions

Conversions Part 2

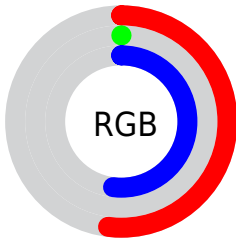
Format	Color
R_{YB}	132, 0, 133
Decimal	8650885
CIE _{Lab}	30.88, 60.42, -37.84
CIE _{LCh}	31, 71.292, 327.943
Yxy	6.5990, 0.3191, 0.1532
Android (android.graphics.Color)	4286840965 (0xFF840085)
YUV	54.6300, 38.6364, 67.8535
Hunter-Lab	25.6885, 50.5844, -34.5013

Details

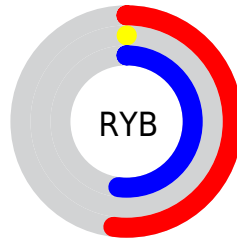
The YUV color **54.6300, 38.6364, 67.8535** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **78.3700, -38.6364, -67.8535**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.6800, 32.6958, 59.9166**, and **32.7840, 24.7565, 39.6544** is the 20% darker color. If you saturate the color by 10%, you get **54.6300, 38.6364, 67.8535**, and if you desaturate by 10%, it is **62.2610, 34.8743, 61.1611**.

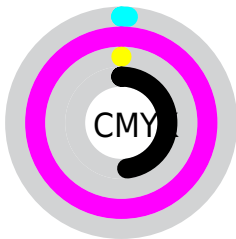
Distribution



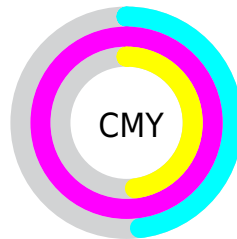
- Red (52%)
- Green (0%)
- Blue (52%)



- Red (52%)
- Yellow (0%)
- Blue (52%)



- Cyan (1%)
- Magenta (100%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.6300, 38.6364, 67.8535 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 54.6300, 38.6364, 67.8535 by changing the saturation by 10% instead.

■ 54.6300, 38.6364,
67.8535

■ 54.6300, 38.6364,
67.8535

■ 255.0000, 0.0000,
0.0000

■ 43.5930, 31.2597,
53.8539

■ 120.6800, 32.6958,
59.9166

■ 32.7840, 24.7565,
39.6544

■ 148.9790, 32.5484,
60.5314

■ 22.8720, 17.8111,
27.2993

■ 177.2780, 32.4009,
61.1462

■ 10.9810, 12.3344,
10.5407

■ 197.4740, 28.3603,
50.4503

■ 1.3680, 5.2416,
-1.1997

■ 213.9100, 20.2574,
36.0359

■ 0.0000, 0.0000,
0.0000

■ 230.9330, 11.8650,

21.1068

247.9560, 3.4727,
6.1776

54.6300, 38.6364,
67.8535

62.2610, 34.8743,
61.1611

70.4790, 30.8229,
53.9539

78.1100, 27.0608,
47.2615

85.7410, 23.2987,
40.5691

94.2580, 19.0998,
33.9767

■ 101.8890, 15.3377,
27.2843

■ 109.5200, 11.5756,
20.5920

■ 117.1510, 7.8136,
13.8996

■ 125.3690, 3.7621,
6.6924

Harmonies

Analogous

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



65.4180, 53.0379, -24.9226



54.6300, 38.6364, 67.8535



57.4440, 10.6271, 91.6956

Triad

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



54.6300, 38.6364, 67.8535



68.8970, -33.9662, 21.1383



69.3140, 26.9602, -60.7884

Complementary

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



54.6300, 38.6364, 67.8535



78.3700, -38.6364, -67.8535

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.



62.2290, 2.3521, -54.5748



54.6300, 38.6364, 67.8535



59.7730, -29.4681, -21.7259

Square

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



54.6300, 38.6364, 67.8535



64.1330, -31.6176, 61.2734



52.8300, -26.0452, -46.3319



73.1560, 46.7581, -64.1578

Rectangle

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



54.6300, 38.6364, 67.8535



53.9380, -5.3924, 96.5244



52.8300, -26.0452, -46.3319



67.2620, 19.0978, -58.9888

Sweetspot

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



54.6300, 38.6364, 67.8535



142.4760, 15.0483, 26.7695



16.3360, 57.5154, -14.3267



67.9170, 9.4079, 15.8588



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.



54.6300, 38.6364, 67.8535



71.1500, 50.2120, 88.4454



47.6330, 10.5339, 74.8669



62.4780, 1.7363, 3.0888



53.3910, 37.7682, 66.3091



1.2390, 0.8682, 1.5444

Inverse Universe

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



39.8810, -19.1683, 81.6654



51.8410, -25.0646, 106.2564



85.3670, -10.5339, -74.8669



61.7940, -0.8844, 3.6887



38.9840, -18.7261, 79.8210



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 54.6300, 38.6364, 67.8535 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

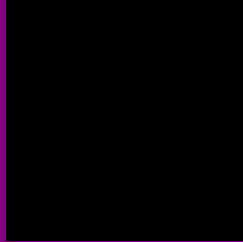
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.6300, 38.6364, 67.8535

Background



This preview shows how black text looks on a background with the YUV color 54.6300, 38.6364, 67.8535.



This preview shows how white text looks on a background with the YUV color 54.6300, 38.6364,

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

60.5210, 46.5781, -53.0769

Deuteranopia

72.0180, 26.1201, -24.5718

Tritanopia

73.9840, -8.8661, 43.8640

Trichromacy



Protanomaly

58.1120, 43.8218, -8.8682

Deuteranomaly

65.4920, 30.8164, 9.2155

Tritanomaly

66.9200, 8.4204, 52.6902

Monochromacy



Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8240, 13.8908, 24.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.6300, 38.6364, 67.8535 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(132, 0, 133)` looks like.

```
.text, #text, p{  
    color:rgb(132, 0, 133)  
}
```

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(132, 0, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 0, 133) }
```

Border

The CSS property to change the border of an element to YUV 54.6300, 38.6364, 67.8535 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(132, 0, 133) }
```

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

```
.border{ border-color:rgb(132, 0, 133) }
```

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

Here you see how a box with a 4 pixel rgb(132, 0, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 0, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 0, 133);  
box-shadow:4px 4px 4px 4px rgb(132, 0,  
133) }
```


Background

The CSS property to change the background color of an element to YUV 54.6300, 38.6364, 67.8535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 0, 133) }
```

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

```
.background{ background-color: rgb(132, 0,  
133) }
```

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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