

Converting Colors

YUV(54.3800, 37.7737, 64.5647)

Have a look what the booklet for
YUV(54.3800, 37.7737, 64.5647)
contains.

| | |
|--|----|
| YUV(54.3800, 37.7737, 64.5647) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(54.3800, 37.7737,
64.5647)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 800283 |
| RGB | 128, 2, 131 |
| RGB Percent | 50%, 1%, 51% |
| CMY | 0.4980, 0.9922, 0.4863 |
| CMYK | 0.02, 0.98, 0.00, 0.49 |
| HSL | 299°, 97%, 26% |
| HSV | 299°, 98%, 51% |
| XYZ | 13.0205, 6.2713, 21.9970 |
| YIQ | 54.3800, 33.6870, 66.8310 |

Conversions

Conversions Part 2

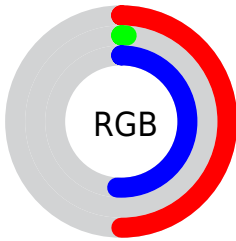
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 128, 2, 131 |
| Decimal | 8389251 |
| CIELab | 30.09, 59.10, -37.89 |
| CIElCh | 30, 70.205, 327.333 |
| Yxy | 6.2713, 0.3154, 0.1519 |
| Android (android.graphics.Color) | 4286579331 (0xFF800283) |
| YUV | 54.3800, 37.7737, 64.5647 |
| Hunter-Lab | 25.0426, 48.9840, -34.5495 |

Details

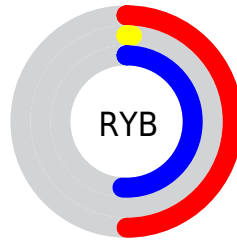
The YUV color **54.3800, 37.7737, 64.5647** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **78.6200, -37.7737, -64.5647**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.9570, 32.5592, 57.0427**, and **31.3600, 24.4725, 37.3953** is the 20% darker color. If you saturate the color by 10%, you get **53.2060, 38.3524, 65.5943**, and if you desaturate by 10%, it is **62.0110, 34.0116, 57.8724**.

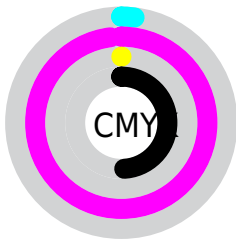
Distribution



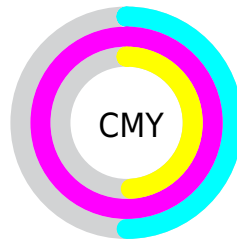
- Red (50%)
- Green (1%)
- Blue (51%)



- Red (50%)
- Yellow (1%)
- Blue (51%)



- Cyan (2%)
- Magenta (98%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (99%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.3800, 37.7737, 64.5647 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 54.3800, 37.7737, 64.5647 by changing the saturation by 10% instead.

■ 54.3800, 37.7737,
64.5647

■ 54.3800, 37.7737,
64.5647

■ 255.0000, 0.0000,
0.0000

■ 42.1690, 30.9757,
51.5948

■ 118.9570, 32.5592,
57.0427

■ 31.3600, 24.4725,
37.3953

■ 147.2560, 32.4118,
57.6575

■ 21.7470, 17.3797,
25.6549

■ 175.2670, 32.4064,
59.4018

■ 8.7740, 12.9294,
6.3372

■ 196.8870, 28.6497,
50.9651

■ 1.0260, 3.9312,
-0.8998


■ 213.3230, 20.5468,
36.5507


■ 0.0000, 0.0000,
0.0000


■ 230.3460, 12.1544,


21.6216


 247.3690, 3.7621,
6.6924


 54.3800, 37.7737,
64.5647


 54.3800, 37.7737,
64.5647


 53.2060, 38.3524,
65.5943

 62.0110, 34.0116,
57.8724

 69.9410, 30.1021,
51.7947

 77.5720, 26.3400,
45.1024

 85.2030, 22.5779,
38.4100

 93.1330, 18.6684,
32.3324

■ 101.3510, 14.6170,
25.1252

■ 108.9820, 10.8549,
18.4328

■ 116.6130, 7.0928,
11.7404

■ 124.5430, 3.1833,
5.6628

Harmonies

Analogous

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



62.9830, 52.7594, -28.9261



54.3800, 37.7737, 64.5647



56.1340, 10.7799, 89.3365

Triad

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



54.3800, 37.7737, 64.5647



67.4240, -33.2400, 21.5532



67.6840, 25.7918, -59.3589

Complementary

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



54.3800, 37.7737, 64.5647



78.6200, -37.7737, -64.5647

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.



60.7130, 1.6205, -53.2453



54.3800, 37.7737, 64.5647



58.5990, -28.8893, -20.6963

Square

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



54.3800, 37.7737, 64.5647



62.3610, -30.7440, 61.0734



51.6560, -25.4664, -45.3023



71.5260, 45.5897, -62.7283

Rectangle

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



54.3800, 37.7737, 64.5647



52.7420, -4.8028, 94.0653



51.6560, -25.4664, -45.3023



65.6320, 17.9294, -57.5593

Sweetspot

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



54.3800, 37.7737, 64.5647



140.7640, 14.9063, 25.6400



19.0540, 55.1894, -14.9564



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.



54.3800, 37.7737, 64.5647



69.4270, 50.0755, 85.5715



48.4370, 11.1236, 72.4078



62.4780, 1.7363, 3.0888



52.7930, 38.0631, 65.0795



0.9400, 1.0156, 0.9296

Inverse Universe

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



40.9130, -17.7051, 79.0063



51.5850, -23.4594, 104.7270



84.5630, -11.1236, -72.4078



61.7940, -0.8844, 3.6887



39.2120, -17.8525, 79.6211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 54.3800, 37.7737, 64.5647 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

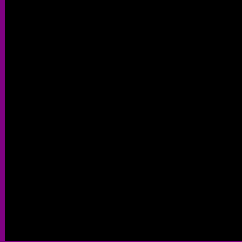
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.3800, 37.7737, 64.5647

Background



This preview shows how black text looks on a background with the YUV color 54.3800, 37.7737, 64.5647.



This preview shows how white text looks on a background with the YUV color 54.3800, 37.7737,

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

54.3800, 37.7737, 64.5647

Protanopia

58.8910, 45.4097, -51.6474

Deuteranopia

69.7190, 26.2675, -25.1866



Tritanopia

72.0870, -8.4239, 42.0197

Trichromacy



Original Color

54.3800, 37.7737, 64.5647



Protanomaly

57.4710, 42.6588, -9.1831



Deuteranomaly

64.3670, 30.3851, 7.5711



Tritanomaly

65.6100, 8.5733, 50.3310

Monochromacy



Original Color

54.3800, 37.7737, 64.5647



Achromatopsia

54.0000, 0.0000, 0.0000



Achromatomaly

54.1120, 13.7488, 23.5808

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3800, 37.7737, 64.5647 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(128, 2, 131)` looks like.

```
.text, #text, p{  
    color:rgb(128, 2, 131)  
}
```

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(128, 2, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 2, 131) }
```

Border

The CSS property to change the border of an element to YUV 54.3800, 37.7737, 64.5647 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(128, 2, 131) }
```


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

```
.border{ border-color:rgb(128, 2, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 2, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 2, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 2, 131);  
box-shadow:4px 4px 4px 4px rgb(128, 2,  
131) }
```

Background

The CSS property to change the background color of an element to YUV 54.3800, 37.7737, 64.5647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 2, 131) }
```

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

```
.background{ background-color: rgb(128, 2,  
131) }
```

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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