

Converting Colors

YUV(53.5050, 38.2050, 66.2091)

Have a look what the booklet for
YUV(53.5050, 38.2050, 66.2091)
contains.

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Color

**YUV(53.5050, 38.2050,
66.2091)**

Conversions

Conversions Part 1

Format	Color
Hex	810083
RGB	129, 0, 131
RGB Percent	51%, 0%, 51%
CMY	0.4941, 1.0000, 0.4863
CMYK	0.02, 1.00, 0.00, 0.49
HSL	299°, 100%, 26%
HSV	299°, 100%, 51%
XYZ	13.1500, 6.3058, 21.9968
YIQ	53.5050, 34.8330, 68.0890

Conversions

Conversions Part 2

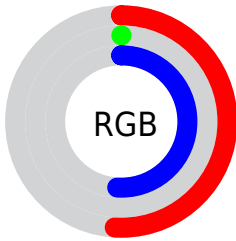
Format	Color
R_{YB}	129, 0, 131
Decimal	8454275
CIE _{Lab}	30.17, 59.59, -37.75
CIE _{LCh}	30, 70.538, 327.647
Yxy	6.3058, 0.3172, 0.1521
Android (android.graphics.Color)	4286644355 (0xFF810083)
YUV	53.5050, 38.2050, 66.2091
Hunter-Lab	25.1114, 49.5295, -34.3582

Details

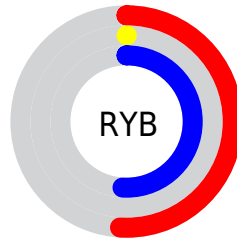
The YUV color **53.5050, 38.2050, 66.2091** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **77.4950, -38.2050, -66.2091**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.2560, 32.4118, 57.6575**, and **31.6590, 24.3251, 38.0101** is the 20% darker color. If you saturate the color by 10%, you get **53.5050, 38.2050, 66.2091**, and if you desaturate by 10%, it is **61.1360, 34.4430, 59.5167**.

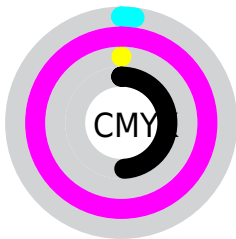
Distribution



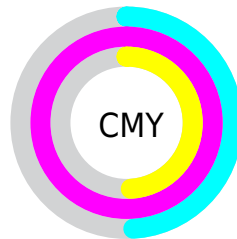
- Red (51%)
- Green (0%)
- Blue (51%)



- Red (51%)
- Yellow (0%)
- Blue (51%)



- Cyan (2%)
- Magenta (100%)
- Yellow (0%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.5050, 38.2050, 66.2091 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 53.5050, 38.2050, 66.2091 by changing the saturation by 10% instead.

■ 53.5050, 38.2050,
66.2091

■ 53.5050, 38.2050,
66.2091

■ 255.0000, 0.0000,
0.0000

■ 42.4680, 30.8283,
52.2096

■ 119.2560, 32.4118,
57.6575

■ 31.6590, 24.3251,
38.0101

■ 146.9680, 32.5538,
58.7871

■ 22.0460, 17.2323,
26.2697

■ 175.5660, 32.2590,
60.0166

■ 9.3720, 12.6346,
7.5668

■ 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

■ 53.5050, 38.2050,
66.2091

■ 61.1360, 34.4430,
59.5167

■ 68.7670, 30.6809,
52.8243

■ 76.6970, 26.7714,
46.7467

■ 84.3280, 23.0093,
40.0543

■ 92.5460, 18.9578,
32.8472

■ 100.1770, 15.1957,
26.1548

■ 107.8080, 11.4337,
19.4624

■ 115.7380, 7.5242,
13.3848

■ 123.3690, 3.7621,
6.6924

Harmonies

Analogous

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



63.4070, 53.0433, -26.6669



53.5050, 38.2050, 66.2091



56.4330, 10.6325, 89.9513

Triad

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



53.5050, 38.2050, 66.2091



67.4240, -33.2400, 21.5532



67.7980, 26.2286, -59.4588

Complementary

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



53.5050, 38.2050, 66.2091



77.4950, -38.2050, -66.2091

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.



60.8270, 2.0573, -53.3453



53.5050, 38.2050, 66.2091



58.3000, -28.7419, -21.3111

Square

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



53.5050, 38.2050, 66.2091



62.3610, -30.7440, 61.0734



51.6560, -25.4664, -45.3023



71.6400, 46.0265, -62.8283

Rectangle

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



53.5050, 38.2050, 66.2091



52.9270, -5.3870, 94.7800



51.6560, -25.4664, -45.3023



65.7460, 18.3662, -57.6592

Sweetspot

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



53.5050, 38.2050, 66.2091



140.7640, 14.9063, 25.6400



16.1080, 56.6418, -14.1267



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.



53.5050, 38.2050, 66.2091



69.7260, 49.9281, 86.1863



46.9210, 10.3919, 73.7373



62.4780, 1.7363, 3.0888



53.0920, 37.9156, 65.6943



1.2390, 0.8682, 1.5444

Inverse Universe

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



39.3970, -18.4367, 80.3358



51.4710, -23.8962, 104.8269



84.0790, -10.3919, -73.7373



61.7940, -0.8844, 3.6887



39.0980, -18.2893, 79.7211



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 53.5050, 38.2050, 66.2091 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

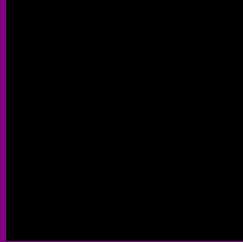
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 53.5050, 38.2050, 66.2091

Background



This preview shows how black text looks on a background with the YUV color 53.5050, 38.2050, 66.2091.



This preview shows how white text looks on a background with the YUV color 53.5050, 38.2050,

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

59.5920, 45.5571, -52.2622

Deuteranopia

70.6050, 25.8307, -25.0866

Tritanopia

72.3860, -8.5713, 42.6345

Trichromacy



Protanomaly

57.4710, 42.6588, -9.1831

Deuteranomaly

64.6660, 30.2377, 8.1859

Tritanomaly

65.3220, 8.7153, 51.4606

Monochromacy



Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

53.5250, 14.0382, 24.0956

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.5050, 38.2050, 66.2091 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(129, 0, 131)` looks like.

```
.text, #text, p{  
    color:rgb(129, 0, 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(129, 0, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 0, 131) }
```

Border

The CSS property to change the border of an element to YUV 53.5050, 38.2050, 66.2091 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(129, 0, 131) }
```

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

```
.border{ border-color:rgb(129, 0, 131) }
```

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

Here you see how a box with a 4 pixel rgb(129, 0, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 0, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 0, 131);  
box-shadow:4px 4px 4px 4px rgb(129, 0,  
131) }
```


Background

The CSS property to change the background color of an element to YUV 53.5050, 38.2050, 66.2091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 0, 131) }
```

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

```
.background{ background-color: rgb(129, 0,  
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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