

Converting Colors

YUV(54.0870, 38.4111, -0.0763)

Have a look what the booklet for
YUV(54.0870, 38.4111, -0.0763)
contains.

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Color

**YUV(54.0870, 38.4111,
-0.0763)**

Conversions

Conversions Part 1

Format	Color
Hex	362784
RGB	54, 39, 132
RGB Percent	21%, 15%, 52%
CMY	0.7882, 0.8471, 0.4824
CMYK	0.59, 0.70, 0.00, 0.48
HSL	250°, 54%, 34%
HSV	250°, 70%, 52%
XYZ	6.4117, 3.9013, 22.2449
YIQ	54.0870, -20.9130, 32.1030

Conversions

Conversions Part 2

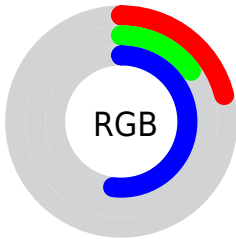
Format	Color
R_{YB}	54, 39, 132
Decimal	3549060
CIE _{Lab}	23.34, 33.96, -49.96
CIE _{LCh}	23, 60.411, 304.205
Yxy	3.9013, 0.1969, 0.1198
Android (android.graphics.Color)	4281739140 (0xFF362784)
YUV	54.0870, 38.4111, -0.0763
Hunter-Lab	19.7516, 23.3788, -52.9482

Details

The YUV color **54.0870, 38.4111, -0.0763** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **116.9130, -38.4111, 0.0763**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.6900, 40.5788, 4.6569**, and **9.2340, 35.3806, -8.0982** is the 20% darker color. If you saturate the color by 10%, you get **43.1670, 43.7947, -0.1465**, and if you desaturate by 10%, it is **65.0070, 33.0275, -0.0061**.

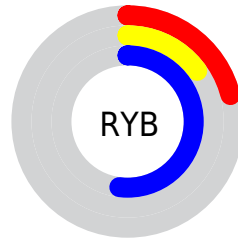
Distribution



Red (21%)

Green (15%)

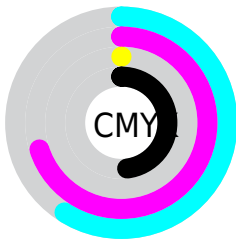
Blue (52%)



Red (21%)

Yellow (15%)

Blue (52%)

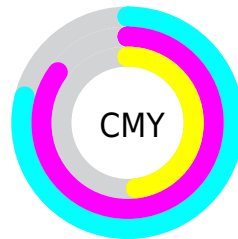


Cyan (59%)

Magenta (70%)

Yellow (0%)

Black (48%)



Cyan (79%)

Magenta (85%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.0870, 38.4111, -0.0763 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 54.0870, 38.4111, -0.0763 by changing the saturation by 10% instead.

■ 54.0870, 38.4111,
-0.0763

■ 54.0870, 38.4111,
-0.0763

■ 255.0000, 0.0000,
0.0000

■ 28.6410, 38.1380,
-5.8242

■ 103.6900, 40.5788,
4.6569

■ 9.2340, 35.3806,
-8.0982

■ 129.9290, 41.4470,
6.2013

■ 7.0850, 24.6081,
-6.2135

■ 156.8690, 42.4626,
7.1309

■ 5.1640, 14.7091,
-4.5288

■ 181.8710, 36.0526,
9.7601

■ 1.1400, 4.3680,
-0.9998

■ 206.9780, 23.6748,
13.1743

■ 0.0000, 0.0000,
0.0000

■ 231.7970, 11.4391,

17.7180

249.7170, 2.6045,
4.6332

54.0870, 38.4111,
-0.0763

54.0870, 38.4111,
-0.0763

43.1670, 43.7947,
-0.1465

65.0070, 33.0275,
-0.0061

32.2470, 49.1782,
-0.2166

75.9270, 27.6440,
0.0640

21.3270, 54.5618,
-0.2868

87.4340, 21.9710,
-0.3806

98.3540, 16.5875,
-0.3105

109.2740, 11.2039,
-0.2403

■ 120.1940, 5.8204,
-0.1701

■ 131.1140, 0.4368,
-0.1000

■ 142.9200, -5.3836,
0.0702

■ 153.8400,
-10.7671, 0.1403

Harmonies

Analogous

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



52.6790, 46.9933, -46.1995



54.0870, 38.4111, -0.0763



44.1330, 25.5704, 58.6424

Triad

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



54.0870, 38.4111, -0.0763



50.7330, -25.0114, 42.3302



49.2180, 5.8085, -43.1642

Complementary

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



54.0870, 38.4111, -0.0763



116.9130, -38.4111, 0.0763

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.



42.8170, -16.1788, -37.5505



54.0870, 38.4111, -0.0763



52.0080, -25.6399, 10.5170

Square

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



54.0870, 38.4111, -0.0763



37.2330, -16.3839, 75.2177



40.2370, -19.8368, -30.9028



54.9350, 25.1750, -48.1780

Rectangle

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



54.0870, 38.4111, -0.0763



45.6110, 10.5448, 71.3782



40.2370, -19.8368, -30.9028



47.3940, -1.1802, -41.5645

Sweetspot

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



54.0870, 38.4111, -0.0763



140.8980, 14.8403, 0.0895



95.9750, 17.7603, -49.9671



68.7040, 9.0199, 0.2596



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.



54.0870, 38.4111, -0.0763



49.4070, 59.9453, -0.3569



67.5420, 31.7778, 27.5887



60.9830, 2.4734, 0.0149



21.0990, 53.6882, -0.0868



0.3420, 1.3104, -0.2999

Inverse Universe

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



75.6990, 20.3614, 49.3760



83.1490, 31.4785, 77.0453



103.4580, -31.7778, -27.5887



62.3640, 1.2995, 3.1888



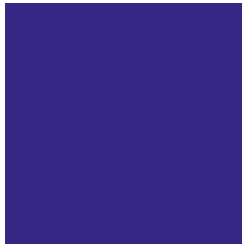
51.2960, 28.4481, 69.0234



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 54.0870, 38.4111, -0.0763 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



This preview shows how the YUV color 54.0870, 38.4111, -0.0763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

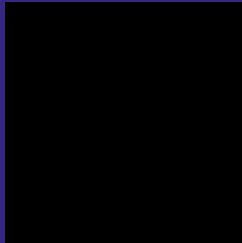
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.0870, 38.4111, -0.0763

Background



This preview shows how black text looks on a background with the YUV color 54.0870, 38.4111, -0.0763.



This preview shows how white text looks on a background with the YUV color 54.0870, 38.4111, -0.0763.

-0.0763.

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

54.0870, 38.4111, -0.0763

Protanopia

44.6940, 34.1679, -39.1966

Deuteranopia

45.2180, 26.0215, -39.6562



Tritanopia

50.8060, 7.4906, -22.6319

Trichromacy



Original Color

54.0870, 38.4111, -0.0763

Protanomaly

48.5370, 35.7243, -25.0269

Deuteranomaly

48.4570, 30.3407, -24.9568

Tritanomaly

52.1350, 18.6674, -14.1504

Monochromacy



Original Color

54.0870, 38.4111, -0.0763

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.2570, 13.6773, -0.2254

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.0870, 38.4111, -0.0763 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(54, 39, 132)` looks like.

```
.text, #text, p{  
    color:rgb(54, 39, 132)  
}
```

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(54, 39, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 39, 132) }
```

Border

The CSS property to change the border of an element to YUV 54.0870, 38.4111, -0.0763 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(54, 39, 132) }
```


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

```
.border{ border-color:rgb(54, 39, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 39, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 39, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 39, 132);  
box-shadow:4px 4px 4px 4px rgb(54, 39,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 54.0870, 38.4111, -0.0763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 39, 132) }
```

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

```
.background{ background-color: rgb(54, 39,  
132) }
```

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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