

Converting Colors

YUV(55.8450, 48.8834, 1.0129)

Have a look what the booklet for
YUV(55.8450, 48.8834, 1.0129)
contains.

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Color

**YUV(55.8450, 48.8834,
1.0129)**

Conversions

Conversions Part 1

Format	Color
Hex	39249B
RGB	57, 36, 155
RGB Percent	22%, 14%, 61%
CMY	0.7765, 0.8588, 0.3922
CMYK	0.63, 0.77, 0.00, 0.39
HSL	251°, 62%, 37%
HSV	251°, 77%, 61%
XYZ	8.2346, 4.4982, 31.4446
YIQ	55.8450, -25.6830, 41.4610

Conversions

Conversions Part 2

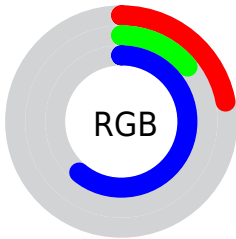
Format	Color
R_{YB}	57, 36, 155
Decimal	3744923
CIE _{Lab}	25.25, 43.42, -61.07
CIE _{LCh}	25, 74.934, 305.415
Yxy	4.4982, 0.1864, 0.1018
Android (android.graphics.Color)	4281935003 (0xFF39249B)
YUV	55.8450, 48.8834, 1.0129
Hunter-Lab	21.2089, 32.1893, -73.0579

Details

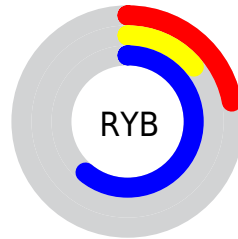
The YUV color **55.8450, 48.8834, 1.0129** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **135.1550, -48.8834, -1.0129**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **108.0460, 50.7563, 6.9757**, and **11.6280, 44.5534, -10.1978** is the 20% darker color. If you saturate the color by 10%, you get **43.1530, 55.1406, 0.7428**, and if you desaturate by 10%, it is **69.1240, 42.3369, 0.7683**.

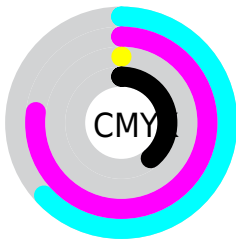
Distribution



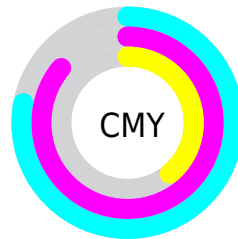
- Red (22%)
- Green (14%)
- Blue (61%)



- Red (22%)
- Yellow (14%)
- Blue (61%)



- Cyan (63%)
- Magenta (77%)
- Yellow (0%)
- Black (39%)



- Cyan (78%)
- Magenta (86%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.8450, 48.8834, 1.0129 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 55.8450, 48.8834, 1.0129 by changing the saturation by 10% instead.

■ 55.8450, 48.8834,
1.0129

■ 55.8450, 48.8834,
1.0129

■ 255.0000, 0.0000,
0.0000

■ 27.0180, 49.7841,
-7.9088

■ 108.0460, 50.7563,
6.9757

■ 11.6280, 44.5534,
-10.1978

■ 134.5840, 51.4771,
9.1348

■ 8.8920, 34.0702,
-7.7983

■ 160.3410, 46.6669,
11.9789

■ 9.0910, 22.1401,
-7.9728

■ 184.2740, 34.8679,
16.4227

■ 4.7080, 12.9620,
-4.1289

■ 209.6800, 22.3428,
20.4516

■ 0.3420, 1.3104,
-0.2999

■ 232.6940, 10.9969,

■ 0.0000, 0.0000,

19.5624

0.0000

249.7170, 2.6045,
4.6332

55.8450, 48.8834,
1.0129

55.8450, 48.8834,
1.0129

43.1530, 55.1406,
0.7428

69.1240, 42.3369,
0.7683

29.8740, 61.6871,
0.9875

81.8160, 36.0797,
1.0384

25.7430, 63.7237,
1.1024

94.7960, 29.6806,
0.1789

107.4880, 23.4234,
0.4490

120.7670, 16.8769,
0.2043

■ 133.4590, 10.6197,
0.4745

■ 146.4390, 4.2206,
-0.3850

■ 159.1310, -2.0366,
-0.1149

■ 172.4100, -8.5831,
-0.3596

Harmonies

Analogous

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



58.9200, 58.2134, -51.6728



55.8450, 48.8834, 1.0129



51.1820, 28.0113, 69.1234

Triad

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



55.8450, 48.8834, 1.0129



53.4350, -26.3435, 49.6075



54.2390, 7.2772, -47.5676

Complementary

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



55.8450, 48.8834, 1.0129



135.1550, -48.8834, -1.0129

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.



45.4270, -21.4095, -39.8395



55.8450, 48.8834, 1.0129



55.8290, -27.5237, 8.0430

Square

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



55.8450, 48.8834, 1.0129



42.1590, -20.7844, 86.6836



42.8510, -21.1255, -37.5803



61.3240, 31.8853, -53.7811

Rectangle

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



55.8450, 48.8834, 1.0129



52.3460, 9.1964, 83.8886



42.8510, -21.1255, -37.5803



51.9590, -1.4588, -45.5680

Sweetspot

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



55.8450, 48.8834, 1.0129



162.6360, 18.9135, 0.3192



107.6790, 23.3293, -62.8625



77.8010, 11.9301, 0.1745



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



55.8450, 48.8834, 1.0129



46.9570, 75.9432, 1.7917



73.1870, 40.3338, 36.6700



70.2110, 3.3470, -0.1850



23.4350, 57.4665, 1.3725



2.0800, 5.3836, -0.0702

Inverse Universe

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



82.7530, 25.2648, 63.3606



88.7570, 39.5598, 98.4371



117.8130, -40.3338, -36.6700



72.0760, 1.4415, 4.3183



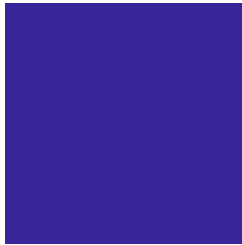
54.9700, 29.5948, 74.5713



5.0270, 2.4517, 6.9923

Previews

White Background



This preview shows how the YUV color 55.8450, 48.8834, 1.0129 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 55.8450, 48.8834, 1.0129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

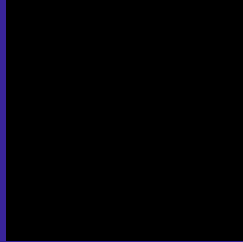
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 55.8450, 48.8834, 1.0129

Background



This preview shows how black text looks on a background with the YUV color 55.8450, 48.8834, 1.0129.



This preview shows how white text looks on a background with the YUV color 55.8450, 48.8834,

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

55.8450, 48.8834, 1.0129

Protanopia

47.9540, 36.5047, -42.0557

Deuteranopia

48.3640, 27.9215, -42.4152



Tritanopia

47.5370, 12.0603, -41.6899

Trichromacy



Original Color

55.8450, 48.8834, 1.0129

Protanomaly

50.9050, 40.9658, -26.2267

Deuteranomaly

51.4120, 35.2929, -26.6713

Tritanomaly

50.7790, 25.2520, -26.1162

Monochromacy



Original Color

55.8450, 48.8834, 1.0129

Achromatopsia

56.0000, 0.0000, 0.0000

Achromatomaly

55.9950, 17.7505, 0.0044

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.8450, 48.8834, 1.0129 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(57, 36, 155)` looks like.

```
.text, #text, p{  
    color:rgb(57, 36, 155)  
}
```

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(57, 36, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 36, 155) }
```

Border

The CSS property to change the border of an element to YUV 55.8450, 48.8834, 1.0129 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(57, 36, 155) }
```


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

```
.border{ border-color:rgb(57, 36, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 36, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 36, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 36, 155);  
box-shadow:4px 4px 4px 4px rgb(57, 36,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 55.8450, 48.8834, 1.0129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 36, 155) }
```

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

```
.background{ background-color: rgb(57, 36,  
155) }
```

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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