

Converting Colors

YUV(54.8950, 46.3938, 6.2311)

Have a look what the booklet for
YUV(54.8950, 46.3938, 6.2311)
contains.

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Color

**YUV(54.8950, 46.3938,
6.2311)**

Conversions

Conversions Part 1

Format	Color
Hex	3E2195
RGB	62, 33, 149
RGB Percent	24%, 13%, 58%
CMY	0.7569, 0.8706, 0.4157
CMYK	0.58, 0.78, 0.00, 0.42
HSL	255°, 64%, 36%
HSV	255°, 78%, 58%
XYZ	7.9553, 4.2818, 28.8409
YIQ	54.8950, -19.9520, 42.2240

Conversions

Conversions Part 2

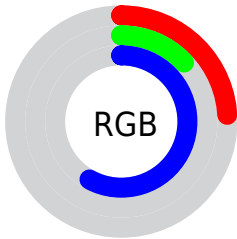
Format	Color
R _{YB}	62, 33, 149
Decimal	4071829
CIE Lab	24.58, 43.79, -58.47
CIE LCh	25, 73.055, 306.829
Yxy	4.2818, 0.1937, 0.1042
Android (android.graphics.Color)	4282261909 (0xFF3E2195)
YUV	54.8950, 46.3938, 6.2311
Hunter-Lab	20.6924, 32.4131, -68.1532

Details

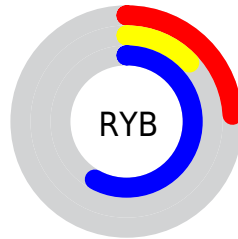
The YUV color **54.8950, 46.3938, 6.2311** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **127.1050, -46.3938, -6.2311**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.3840, 48.1247, 11.0642**, and **11.0580, 42.3694, -9.6979** is the 20% darker color. If you saturate the color by 10%, you get **42.8010, 52.3561, 7.1905**, and if you desaturate by 10%, it is **66.9890, 40.4314, 5.2716**.

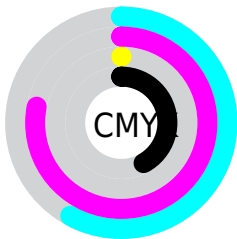
Distribution



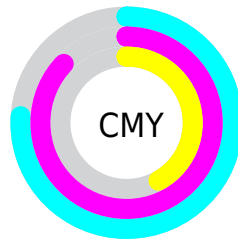
- Red (24%)
- Green (13%)
- Blue (58%)



- Red (24%)
- Yellow (13%)
- Blue (58%)



- Cyan (58%)
- Magenta (78%)
- Yellow (0%)
- Black (42%)



- Cyan (76%)
- Magenta (87%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 54.8950, 46.3938, 6.2311 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 54.8950, 46.3938, 6.2311 by changing the saturation by 10% instead.

■ 54.8950, 46.3938,
6.2311

■ 54.8950, 46.3938,
6.2311

■ 255.0000, 0.0000,
0.0000

■ 26.8020, 47.4256,
1.9276

■ 106.3840, 48.1247,
11.0642

■ 11.0580, 42.3694,
-9.6979

■ 133.0360, 49.2823,
13.1234

■ 8.2080, 31.4495,
-7.1984

■ 159.4770, 47.0928,
15.3677

■ 7.9340, 20.2455,
-6.9581

■ 183.9970, 35.0045,
19.2966

■ 3.6650, 11.5042,
-3.2142

■ 208.5170, 22.9161,
23.2256

■ 0.0000, 0.0000,
0.0000

■ 230.9330, 11.8650,

21.1068

247.9560, 3.4727,
6.1776

54.8950, 46.3938,
6.2311

54.8950, 46.3938,
6.2311

42.8010, 52.3561,
7.1905

66.9890, 40.4314,
5.2716

30.7070, 58.3184,
8.1500

79.0830, 34.4691,
4.3122

28.0490, 59.6288,
7.8500

91.4760, 28.3593,
3.9675

103.5700, 22.3970,
3.0081

115.6640, 16.4346,
2.0487

■ 127.1710, 10.7617,
1.6040

■ 139.2650, 4.7994,
0.6446

■ 151.3590, -1.1630,
-0.3148

■ 163.7520, -7.2727,
-0.6595

Harmonies

Analogous

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



57.1760, 56.6082, -50.1434



54.8950, 46.3938, 6.2311



50.3130, 25.9747, 69.0085

Triad

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



54.8950, 46.3938, 6.2311



53.1140, -26.1852, 45.5040



53.1790, 8.2928, -46.6380

Complementary

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



54.8950, 46.3938, 6.2311



127.1050, -46.3938, -6.2311

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.



45.2960, -19.3729, -39.7246



54.8950, 46.3938, 6.2311



54.0460, -26.6447, 6.0987

Square

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



54.8950, 46.3938, 6.2311



40.6640, -20.0474, 83.6097



41.6770, -20.5468, -36.5507



60.0360, 32.0273, -52.6516

Rectangle

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



54.8950, 46.3938, 6.2311



50.9930, 7.8915, 82.4441



41.6770, -20.5468, -36.5507



51.0130, -0.0064, -44.7384

Sweetspot

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



54.8950, 46.3938, 6.2311



157.4190, 18.0344, 2.2635



97.2930, 25.4916, -56.3850



75.1710, 10.7617, 1.6040



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



54.8950, 46.3938, 6.2311



47.9750, 71.9903, 9.6689



72.2370, 37.8442, 41.8882



68.0970, 2.9102, -0.0851



25.8980, 55.2663, 7.1055



2.0370, 3.9258, 0.8446

Inverse Universe

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



77.6020, 20.9022, 62.6160



83.2100, 32.4345, 97.1628



109.7630, -37.8442, -41.8882



69.6630, 1.1521, 3.8035



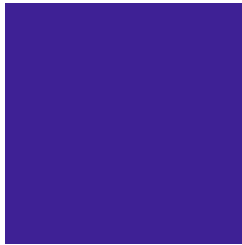
53.0040, 24.6480, 74.5415



3.9020, 2.0203, 5.3479

Previews

White Background



This preview shows how the YUV color 54.8950, 46.3938, 6.2311 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 54.8950, 46.3938, 6.2311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

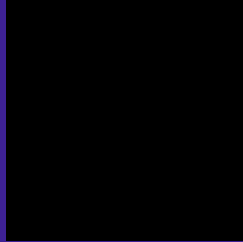
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 54.8950, 46.3938, 6.2311

Background



This preview shows how black text looks on a background with the YUV color 54.8950, 46.3938, 6.2311.



This preview shows how white text looks on a background with the YUV color 54.8950, 46.3938,

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

54.8950, 46.3938, 6.2311

Protanopia

47.1390, 35.9205, -41.3409

Deuteranopia

47.4350, 26.9005, -41.6005



Tritanopia

53.8060, 7.4906, -22.6319

Trichromacy



Original Color

54.8950, 46.3938, 6.2311

Protanomaly

49.9870, 39.9394, -23.6676

Deuteranomaly

50.3800, 33.8297, -24.0123

Tritanomaly

54.2430, 21.5722, -12.4911

Monochromacy



Original Color

54.8950, 46.3938, 6.2311

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.0770, 16.7240, 2.5635

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.8950, 46.3938, 6.2311 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(62, 33, 149)` looks like.

```
.text, #text, p{  
    color:rgb(62, 33, 149)  
}
```

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(62, 33, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 33, 149) }
```

Border

The CSS property to change the border of an element to YUV 54.8950, 46.3938, 6.2311 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(62, 33, 149) }
```


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

```
.border{ border-color:rgb(62, 33, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 33, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 33, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 33, 149);  
box-shadow:4px 4px 4px 4px rgb(62, 33,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 54.8950, 46.3938, 6.2311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 33, 149) }
```

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

```
.background{ background-color: rgb(62, 33,  
149) }
```

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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