

Converting Colors

YUV(38.9100, 3.4954, 45.6829)

Have a look what the booklet for
YUV(38.9100, 3.4954, 45.6829)
contains.

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Color

**YUV(38.9100, 3.4954,
45.6829)**

Conversions

Conversions Part 1

Format	Color
Hex	5B0B2E
RGB	91, 11, 46
RGB Percent	36%, 4%, 18%
CMY	0.6431, 0.9569, 0.8196
CMYK	0.00, 0.88, 0.49, 0.64
HSL	334°, 78%, 20%
HSV	334°, 88%, 36%
XYZ	4.9272, 2.6607, 2.8387
YIQ	38.9100, 36.4450, 27.8450

Conversions

Conversions Part 2

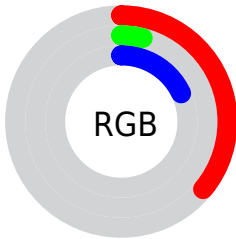
Format	Color
RYB	91, 11, 46
Decimal	5966638
CIELab	18.63, 37.16, 0.40
CIELCh	19, 37.166, 0.623
Yxy	2.6607, 0.4726, 0.2552
Android (android.graphics.Color)	4284156718 (0xFF5B0B2E)
YUV	38.9100, 3.4954, 45.6829
Hunter-Lab	16.3118, 25.3727, 1.1004

Details

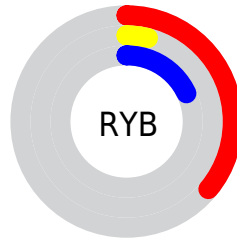
The YUV color **38.9100, 3.4954, 45.6829** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **63.0900, -3.4954, -45.6829**, and the grayscale version is **39.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.4110, 0.2904, 46.9976**, and **13.2700, -6.0491, 26.9502** is the 20% darker color. If you saturate the color by 10%, you get **33.0570, 3.9159, 50.8160**, and if you desaturate by 10%, it is **44.7630, 3.0748, 40.5498**.

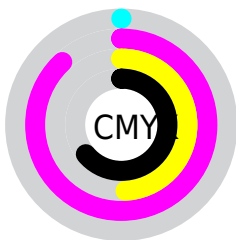
Distribution



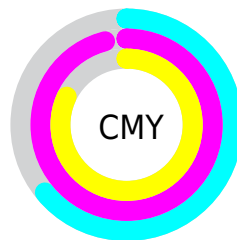
- Red (36%)
- Green (4%)
- Blue (18%)



- Red (36%)
- Yellow (4%)
- Blue (18%)



- Cyan (0%)
- Magenta (88%)
- Yellow (49%)
- Black (64%)



- Cyan (64%)
- Magenta (96%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.9100, 3.4954, 45.6829 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 38.9100, 3.4954, 45.6829 by changing the saturation by 10% instead.

■ 38.9100, 3.4954,
45.6829

■ 38.9100, 3.4954,
45.6829

■ 253.8260, 0.5788,
1.0296

■ 22.2850, 1.3385,
37.4611

■ 91.4110, 0.2904,
46.9976

■ 13.2700, -6.0491,
26.9502

■ 117.1940, -0.5886,
48.9419

■ 0.0000, 0.0000,
0.0000

■ 143.7920, -0.8835,
50.1714


■ 170.6890, -1.3257,
52.0157


■ 197.0910, -1.0309,
50.7862


■ 216.7190, 3.0965,

33.5724


 236.4610, 7.6607,
16.2587


 38.9100, 3.4954,
45.6829


 38.9100, 3.4954,
45.6829

 33.0570, 3.9159,
50.8160

 44.7630, 3.0748,
40.5498

 31.7690, 4.0579,
51.9456

 50.6160, 2.6543,
35.4168

 56.4690, 2.2338,
30.2837

 62.3220, 1.8133,
25.1506

 68.8760, 1.5401,
19.4027

■ 74.7290, 1.1196,
14.2697

■ 80.5820, 0.6991,
9.1366

■ 86.4350, 0.2785,
4.0035

■ 92.2880, -0.1420,
-1.1296

Harmonies

Analogous

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



44.7320, 13.4431, 28.2990



38.9100, 3.4954, 45.6829



40.3430, -10.0291, 43.5492

Triad

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



38.9100, 3.4954, 45.6829



39.2060, -19.3286, -7.1967



42.7730, 24.2689, -37.5119

Complementary

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



38.9100, 3.4954, 45.6829



63.0900, -3.4954, -45.6829

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.



41.6670, 14.9542, -36.5420



38.9100, 3.4954, 45.6829



34.2230, -8.4909, -30.0136

Square

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



38.9100, 3.4954, 45.6829



42.8710, -21.1354, 12.3911



38.5890, 3.1606, -33.8426



40.1630, 29.4996, -35.2230

Rectangle

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



38.9100, 3.4954, 45.6829



41.5410, -20.4797, 35.4825



38.5890, 3.1606, -33.8426



42.7900, 21.7955, -37.5268

Sweetspot

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



38.9100, 3.4954, 45.6829



97.4520, 1.2562, 17.1436



33.2760, 28.4579, 19.0519



46.5930, 0.6937, 10.8809



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



38.9100, 3.4954, 45.6829



40.7970, 5.0301, 66.8300



37.2680, -12.9501, 47.1230



42.7230, 0.1366, 2.8739



38.3620, 4.7515, 62.8265



82.7190, 10.4915, 135.3044

Inverse Universe

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



38.9100, 3.4954, 45.6829



40.7970, 5.0301, 66.8300



64.7320, 12.9501, -47.1230



42.7230, 0.1366, 2.8739



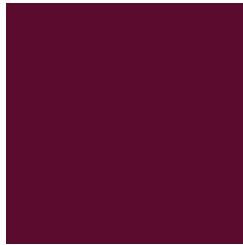
38.3620, 4.7515, 62.8265



82.7190, 10.4915, 135.3044

Previews

White Background



This preview shows how the YUV color 38.9100, 3.4954, 45.6829 looks on a white background.

Color Contrast Check

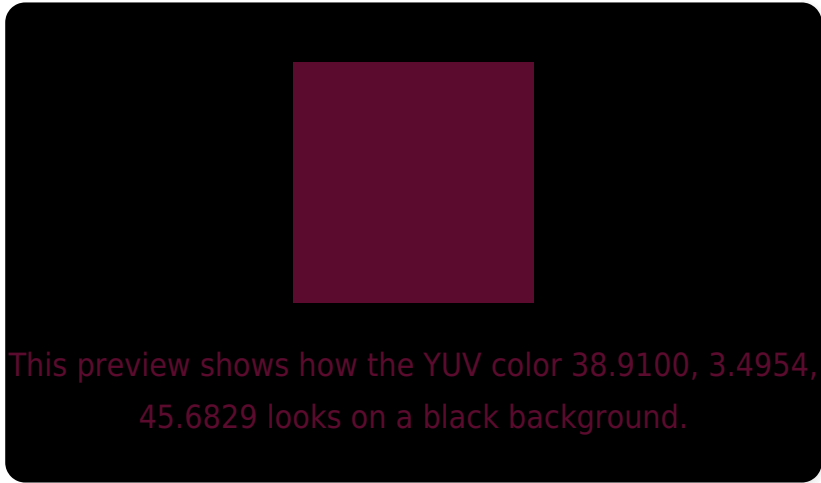
Large Text (above 18pt) WCAG AA ✓ Pass

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

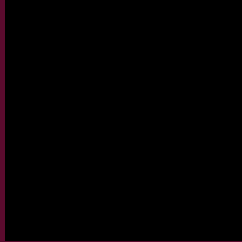
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 38.9100, 3.4954, 45.6829

Background



This preview shows how black text looks on a background with the YUV color 38.9100, 3.4954, 45.6829.



This preview shows how white text looks on a background with the YUV color 38.9100, 3.4954,

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

38.9100, 3.4954, 45.6829

Protanopia

47.8560, 8.4520, -4.2587

Deuteranopia

48.2350, -3.0739, 5.9329



Tritanopia

41.0440, -9.8817, 42.9344

Trichromacy



Original Color

38.9100, 3.4954, 45.6829

Protanomaly

44.5100, 6.6506, 13.5847

Deuteranomaly

44.6050, -0.7913, 20.5174

Tritanomaly

40.3090, -5.0823, 43.5790

Monochromacy



Original Color

38.9100, 3.4954, 45.6829

Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

39.1530, 1.4036, 16.5288

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.9100, 3.4954, 45.6829 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(91, 11, 46)` looks like.

```
.text, #text, p{  
    color:rgb(91, 11, 46)  
}
```

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(91, 11, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 11, 46) }
```

Border

The CSS property to change the border of an element to YUV 38.9100, 3.4954, 45.6829 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(91, 11, 46) }
```


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

```
.border{ border-color:rgb(91, 11, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 11, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 11, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 11, 46);  
box-shadow:4px 4px 4px 4px rgb(91, 11, 46)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.9100, 3.4954, 45.6829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 11, 46) }
```

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

```
.background{ background-color: rgb(91, 11,  
46) }
```

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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