

Converting Colors

YUV(38.8110, 43.9702, 36.9998)

Have a look what the booklet for
YUV(38.8110, 43.9702, 36.9998)
contains.

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Color

**YUV(38.8110, 43.9702,
36.9998)**

Conversions

Conversions Part 1

Format	Color
Hex	510080
RGB	81, 0, 128
RGB Percent	32%, 0%, 50%
CMY	0.6824, 1.0000, 0.4980
CMYK	0.37, 1.00, 0.00, 0.50
HSL	278°, 100%, 25%
HSV	278°, 100%, 50%
XYZ	7.2896, 3.3078, 20.6763
YIQ	38.8110, 7.1880, 56.9800

Conversions

Conversions Part 2

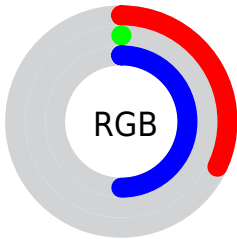
Format	Color
RYB	81, 0, 128
Decimal	5308544
CIELab	21.24, 51.93, -50.76
CIELCh	21, 72.615, 315.656
Yxy	3.3078, 0.2331, 0.1058
Android (android.graphics.Color)	4283498624 (0xFF510080)
YUV	38.8110, 43.9702, 36.9998
Hunter-Lab	18.1875, 39.7155, -54.6723

Details

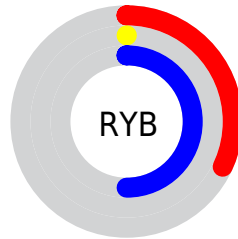
The YUV color **38.8110, 43.9702, 36.9998** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **89.1890, -43.9702, -36.9998**, and the grayscale version is **38.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **97.8060, 41.5076, 33.4961**, and **17.5630, 29.7954, 10.0302** is the 20% darker color. If you saturate the color by 10%, you get **38.8110, 43.9702, 36.9998**, and if you desaturate by 10%, it is **47.9370, 39.4711, 33.3813**.

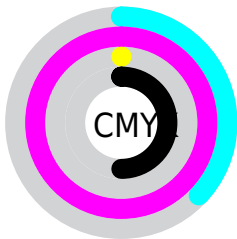
Distribution



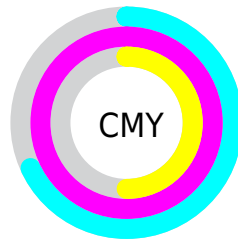
- Red (32%)
- Green (0%)
- Blue (50%)



- Red (32%)
- Yellow (0%)
- Blue (50%)



- Cyan (37%)
- Magenta (100%)
- Yellow (0%)
- Black (50%)



- Cyan (68%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 38.8110, 43.9702, 36.9998 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 38.8110, 43.9702, 36.9998 by changing the saturation by 10% instead.

■ 38.8110, 43.9702,
36.9998

■ 38.8110, 43.9702,
36.9998

■ 254.4130, 0.2894,
0.5148

■ 27.7740, 36.5934,
23.0002

■ 97.8060, 41.5076,
33.4961

■ 17.5630, 29.7954,
10.0302

■ 124.6320, 42.0864,
34.5257

■ 6.1560, 23.5871,
-5.3988

■ 151.4580, 42.6652,
35.5553

■ 4.7080, 12.9620,
-4.1289

■ 177.9160, 38.0024,
37.7847

■ 0.3420, 1.3104,
-0.2999


■ 202.7350, 25.7666,
42.3284


■ 0.0000, 0.0000,
0.0000


■ 220.3670, 17.0741,


30.3731


 237.3900, 8.6817,
15.4440


 38.8110, 43.9702,
36.9998

 47.9370, 39.4711,
33.3813

 56.7640, 35.1193,
29.1480

 65.3030, 30.9096,
26.0443

 74.4290, 26.4105,
22.4258

 83.5550, 21.9114,
18.8073

■ 92.3820, 17.5597,
14.5740

■ 101.5080, 13.0606,
10.9555

■ 110.0470, 8.8508,
7.8518

■ 118.8740, 4.4991,
3.6185

Harmonies

Analogous

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



47.9490, 54.2551, -42.0513



38.8110, 43.9702, 36.9998



47.2780, 15.6389, 70.7932

Triad

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



38.8110, 43.9702, 36.9998



48.0090, -23.6684, 31.5641



49.5090, 14.5391, -43.4194

Complementary

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



38.8110, 43.9702, 36.9998



89.1890, -43.9702, -36.9998

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.



42.3100, -10.5058, -37.1059



38.8110, 43.9702, 36.9998



44.5220, -21.9493, -6.5968

Square

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



38.8110, 43.9702, 36.9998



35.2820, -17.3940, 72.5437



38.1550, -18.8104, -33.4619



55.7960, 36.0896, -48.9331

Rectangle

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



38.8110, 43.9702, 36.9998



45.6800, -0.8282, 79.2106



38.1550, -18.8104, -33.4619



47.3430, 6.2399, -41.5198

Sweetspot

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



38.8110, 43.9702, 36.9998



130.9690, 17.2703, 14.0592



43.3550, 41.7300, -38.0223



63.1010, 10.3032, 8.6814



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



38.8110, 43.9702, 36.9998



50.3190, 57.0307, 47.9552



51.1540, 30.4901, 67.3939



58.9940, 2.4680, 1.7593



0.0000, 0.0000, 0.0000

Inverse Universe

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



43.6300, 1.6614, 73.9925



56.5880, 2.1751, 95.9543



76.8460, -30.4901, -67.3939



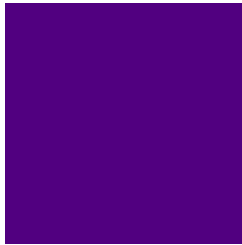
59.4350, 0.2785, 4.0035



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 38.8110, 43.9702, 36.9998 looks on a white background.

Color Contrast Check

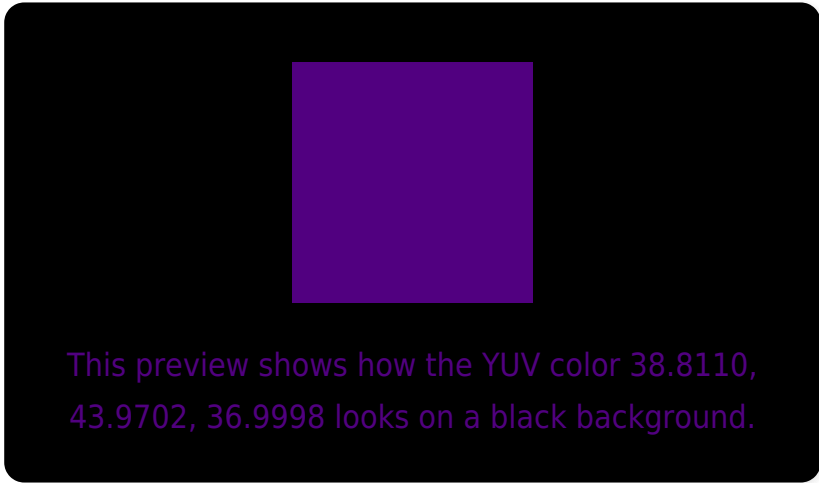
Large Text (above 18pt) WCAG AA ✓ Pass

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 38.8110, 43.9702, 36.9998

Background



This preview shows how black text looks on a background with the YUV color 38.8110, 43.9702, 36.9998.



This preview shows how white text looks on a background with the YUV color 38.8110, 43.9702,

36.9998.

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

43.7650, 33.1469, -38.3819

Deuteranopia

43.8160, 25.7267, -38.4266

Tritanopia

55.2400, -0.6113, 9.4365

Trichromacy



Protanomaly

41.9670, 36.9913, -11.3721

Deuteranomaly

42.1150, 32.4813, -11.5019

Tritanomaly

49.2470, 15.6542, 19.0774

Monochromacy



Achromatopsia

39.0000, 0.0000, 0.0000

Achromatomaly

38.9150, 15.8179, 13.2295

CSS Examples

Text

The CSS property to change the color of the text to YUV 38.8110, 43.9702, 36.9998 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(81, 0, 128)` looks like.

```
.text, #text, p{  
    color:rgb(81, 0, 128)  
}
```

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(81, 0, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 0, 128) }
```

Border

The CSS property to change the border of an element to YUV 38.8110, 43.9702, 36.9998 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(81, 0, 128) }
```

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

```
.border{ border-color:rgb(81, 0, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 0, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 0, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 0, 128);  
box-shadow:4px 4px 4px 4px rgb(81, 0, 128)  
}
```

Background

The CSS property to change the background color of an element to YUV 38.8110, 43.9702, 36.9998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 0, 128) }
```

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

```
.background{ background-color: rgb(81, 0,  
128) }
```

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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