

Converting Colors

YUV(111.8320, 8.4638, 38.7353)

Have a look what the booklet for
YUV(111.8320, 8.4638, 38.7353)
contains.

YUV(111.8320, 8.4638, 38.7353)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(111.8320, 8.4638,
38.7353)**

Conversions

Conversions Part 1

Format	Color
Hex	9C5681
RGB	156, 86, 129
RGB Percent	61%, 34%, 51%
CMY	0.3882, 0.6627, 0.4941
CMYK	0.00, 0.45, 0.17, 0.39
HSL	323°, 29%, 47%
HSV	323°, 45%, 61%
XYZ	21.0005, 15.3085, 22.6169
YIQ	111.8320, 27.9170, 28.2130

Conversions

Conversions Part 2

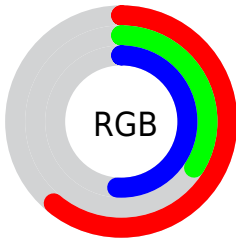
Format	Color
R_{YB}	156, 86, 129
Decimal	10245761
CIE _{Lab}	46.05, 34.80, -11.46
CIE _{LCh}	46, 36.638, 341.778
Yxy	15.3085, 0.3564, 0.2598
Android (android.graphics.Color)	4288435841 (0xFF9C5681)
YUV	111.8320, 8.4638, 38.7353
Hunter-Lab	39.1260, 27.3376, -6.8844

Details

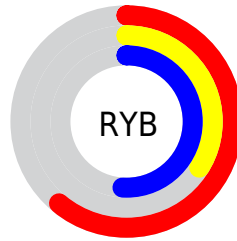
The YUV color **111.8320, 8.4638, 38.7353** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.1680, -8.4638, -38.7353**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1420, 8.3110, 41.0945**, and **61.6360, 9.0535, 36.2762** is the 20% darker color. If you saturate the color by 10%, you get **101.7560, 10.4733, 47.5720**, and if you desaturate by 10%, it is **121.9080, 6.4544, 29.8987**.

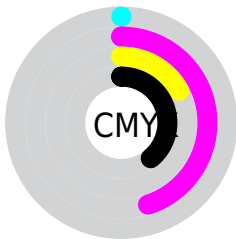
Distribution



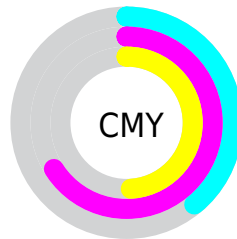
- Red (61%)
- Green (34%)
- Blue (51%)



- Red (61%)
- Yellow (34%)
- Blue (51%)



- Cyan (0%)
- Magenta (45%)
- Yellow (17%)
- Black (39%)



- Cyan (39%)
- Magenta (66%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.8320, 8.4638, 38.7353 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 111.8320, 8.4638, 38.7353 by changing the saturation by 10% instead.

■ 111.8320, 8.4638,
38.7353

■ 111.8320, 8.4638,
38.7353

■ 255.0000, 0.0000,
0.0000

■ 86.2340, 8.7586,
37.5058

■ 165.1420, 8.3110,
41.0945

■ 61.6360, 9.0535,
36.2762

■ 192.1530, 8.3056,
42.8388

■ 35.3910, 10.6532,
36.4911

■ 216.0810, 10.8061,
34.1320

■ 19.8370, 7.4754,
29.0840

■ 234.4550, 10.1287,
18.0180

■ 10.0390, 0.9668,
16.6288

■ 251.4780, 1.7363,
3.0888

■ 0.0000, 0.0000,
0.0000

■ 111.8320, 8.4638,
38.7353

■ 111.8320, 8.4638,
38.7353

■ 101.7560, 10.4733,
47.5720

■ 121.9080, 6.4544,
29.8987

■ 92.2670, 12.1934,
55.8938

■ 131.3970, 4.7343,
21.5768

■ 82.1910, 14.2028,
64.7305

■ 141.4730, 2.7248,
12.7402

■ 72.7020, 15.9229,
73.0523

■ 150.9620, 1.0047,
4.4183

■ 62.6260, 17.9324,
81.8890

■ 161.0380, -1.0047,
-4.4183

■ 57.5880, 18.9371,
86.3073

■ 171.1140, -3.0142,
-13.2550

■ 180.6030, -4.7343,
-21.5768

■ 190.6790, -6.7437,

-30.4135

■ 200.1680, -8.4638,
-38.7353

Harmonies

Analogous

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



111.9950, 21.2015, 13.1594



111.8320, 8.4638, 38.7353



109.8260, -5.8302, 50.1416

Triad

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



111.8320, 8.4638, 38.7353



105.1990, -28.6921, 9.4725



89.1870, 29.4878, -78.2170

Complementary

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



111.8320, 8.4638, 38.7353



130.1680, -8.4638, -38.7353

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.



87.1690, 16.6787, -76.4472



111.8320, 8.4638, 38.7353



101.4390, -19.4434, -17.0480

Square

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



111.8320, 8.4638, 38.7353



107.7440, -28.4678, 30.9195



92.5130, -1.7319, -51.3159



88.3040, 38.7971, -77.4426

Rectangle

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



111.8320, 8.4638, 38.7353



109.2960, -15.4289, 48.8524



92.5130, -1.7319, -51.3159



88.7480, 25.2672, -77.8320

Sweetspot

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



111.8320, 8.4638, 38.7353



187.0110, 3.4456, 14.8994



102.0530, 26.5959, 9.6005



91.9240, 2.0095, 8.8367



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.



111.8320, 8.4638, 38.7353



134.6420, 13.4875, 60.8270



107.8420, -6.8241, 42.2346



73.9620, 1.0047, 4.4183



52.7890, 17.3590, 79.1150



5.5110, 1.7201, 8.3219

Inverse Universe

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



111.8320, 8.4638, 38.7353



134.6420, 13.4875, 60.8270



134.1580, 6.8241, -42.2346



73.9620, 1.0047, 4.4183



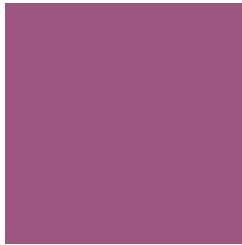
52.7890, 17.3590, 79.1150



5.5110, 1.7201, 8.3219

Previews

White Background



This preview shows how the YUV color 111.8320, 8.4638, 38.7353 looks on a white background.

Color Contrast Check

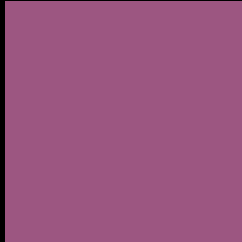
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 111.8320, 8.4638, 38.7353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

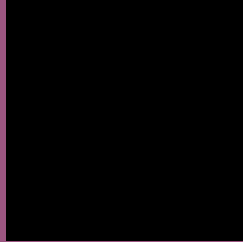
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 111.8320, 8.4638, 38.7353

Background



This preview shows how black text looks on a background with the YUV color 111.8320, 8.4638, 38.7353.



This preview shows how white text looks on a background with the YUV color 111.8320, 8.4638,

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

111.8320, 8.4638, 38.7353

Protanopia

109.8260, 17.3408, -8.6174

Deuteranopia

110.8460, 6.9779, 1.8891



Tritanopia

111.0370, -5.9342, 36.8016

Trichromacy



Original Color

111.8320, 8.4638, 38.7353

Protanomaly

110.4260, 14.0870, 8.3964

Deuteranomaly

111.0480, 7.3713, 15.7439

Tritanomaly

111.4160, -0.6981, 37.3462

Monochromacy



Original Color

111.8320, 8.4638, 38.7353

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

112.1850, 2.8668, 13.8698

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.8320, 8.4638, 38.7353 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(156, 86, 129)` looks like.

```
.text, #text, p{  
    color:rgb(156, 86, 129)  
}
```

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(156, 86, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 86, 129) }
```

Border

The CSS property to change the border of an element to YUV 111.8320, 8.4638, 38.7353 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(156, 86, 129) }
```


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

```
.border{ border-color:rgb(156, 86, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 86, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 86, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 86, 129);  
box-shadow:4px 4px 4px 4px rgb(156, 86,  
129) }
```

Background

The CSS property to change the background color of an element to YUV 111.8320, 8.4638, 38.7353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 86, 129) }
```

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

```
.background{ background-color: rgb(156, 86,  
129) }
```

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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