

Converting Colors

YUV(89.5480, 32.7608, 38.9844)

Have a look what the booklet for
YUV(89.5480, 32.7608, 38.9844)
contains.

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Color

**YUV(89.5480, 32.7608,
38.9844)**

Conversions

Conversions Part 1

Format	Color
Hex	86369C
RGB	134, 54, 156
RGB Percent	53%, 21%, 61%
CMY	0.4745, 0.7882, 0.3882
CMYK	0.14, 0.65, 0.00, 0.39
HSL	287°, 49%, 41%
HSV	287°, 65%, 61%
XYZ	17.1514, 10.1070, 32.4993
YIQ	89.5480, 14.9380, 48.6820

Conversions

Conversions Part 2

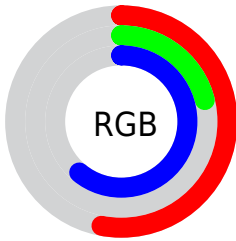
Format	Color
R_{YB}	134, 54, 156
Decimal	8795804
CIE _{Lab}	38.03, 49.64, -40.50
CIE _{LCh}	38, 64.067, 320.793
Yxy	10.1070, 0.2870, 0.1691
Android (android.graphics.Color)	4286985884 (0xFF86369C)
YUV	89.5480, 32.7608, 38.9844
Hunter-Lab	31.7915, 40.6654, -38.3562

Details

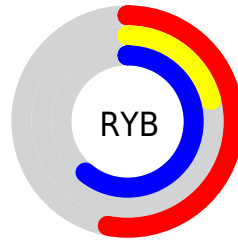
The YUV color **89.5480, 32.7608, 38.9844** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **120.4520, -32.7608, -38.9844**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.0860, 33.4816, 41.1436**, and **36.0750, 33.4870, 39.3992** is the 20% darker color. If you saturate the color by 10%, you get **79.2590, 37.8333, 45.3769**, and if you desaturate by 10%, it is **99.8370, 27.6884, 32.5920**.

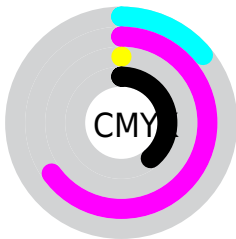
Distribution



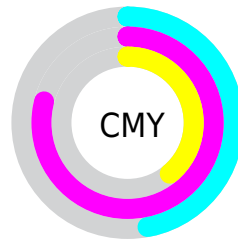
- Red (53%)
- Green (21%)
- Blue (61%)



- Red (53%)
- Yellow (21%)
- Blue (61%)



- Cyan (14%)
- Magenta (65%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (79%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.5480, 32.7608, 38.9844 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 89.5480, 32.7608, 38.9844 by changing the saturation by 10% instead.

89.5480, 32.7608,
38.9844

89.5480, 32.7608,
38.9844

255.0000, 0.0000,
0.0000

62.0750, 33.4870,
39.3992

143.0860, 33.4816,
41.1436

36.0750, 33.4870,
39.3992

170.6130, 34.2078,
41.5584

25.4510, 26.3997,
25.9145

197.1420, 28.5240,
44.6025

15.9520, 19.7437,
14.0741

215.6710, 19.3892,
34.4915

4.9360, 13.8356,
-4.3289

232.1070, 11.2862,
20.0772

0.6840, 2.6208,
-0.5999

249.1300, 2.8939,

0.0000, 0.0000,

5.1480

0.0000

■ 89.5480, 32.7608,
38.9844

■ 89.5480, 32.7608,
38.9844

■ 79.2590, 37.8333,
45.3769

■ 99.8370, 27.6884,
32.5920

■ 69.2580, 42.7638,
50.6397

■ 109.8380, 22.7579,
27.3291

■ 58.9690, 47.8363,
57.0322

■ 120.1270, 17.6854,
20.9366

■ 54.2620, 50.1568,
59.4062

■ 129.8290, 12.9023,
15.0590

■ 140.4170, 7.6824,
9.2813

■ 150.7060, 2.6099,
2.8888

■ 160.7070, -2.3206,
-2.3740

■ 170.9960, -7.3930,
-8.7665

■ 180.6980,
-12.1761, -14.6441

Harmonies

Analogous

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



79.1230, 53.6764, -43.0809



89.5480, 32.7608, 38.9844



71.6590, 17.9161, 87.1221

Triad

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



89.5480, 32.7608, 38.9844



84.9110, -41.8611, 33.4041



79.4070, 22.4773, -69.6399

Complementary

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



89.5480, 32.7608, 38.9844



120.4520, -32.7608, -38.9844

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.



72.6640, -0.8204, -63.7263



89.5480, 32.7608, 38.9844



80.2500, -39.5632, -3.7273

Square

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



89.5480, 32.7608, 38.9844



80.1140, -39.4962, 68.3060



63.3620, -26.3075, -55.5685



83.3630, 42.7120, -73.1094

Rectangle

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



89.5480, 32.7608, 38.9844



65.0660, 3.9115, 99.0431



63.3620, -26.3075, -55.5685



77.4690, 15.0518, -67.9403

Sweetspot

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



89.5480, 32.7608, 38.9844



177.2420, 13.1917, 15.5738



78.5420, 38.1868, -21.5233



86.4170, 7.6824, 9.2813



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.



89.5480, 32.7608, 38.9844



100.5010, 51.0250, 60.9506



92.8200, 16.8507, 55.4089



73.7060, 2.6099, 2.8888



49.7900, 45.9525, 54.5582



5.2980, 4.7831, 5.8777

Inverse Universe

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



87.0060, -5.4260, 60.5077



96.4170, -8.5866, 94.3503



117.1800, -16.8507, -55.4089



73.6200, -0.3057, 4.7183



46.2910, -7.5385, 84.8138



4.8270, -0.9007, 8.9217

Previews

White Background



This preview shows how the YUV color 89.5480, 32.7608, 38.9844 looks on a white background.

Color Contrast Check

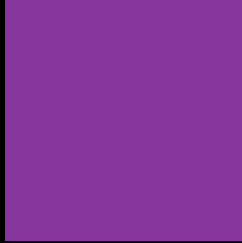
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.5480, 32.7608, 38.9844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

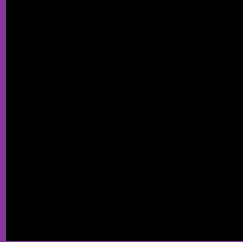
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5480, 32.7608, 38.9844

Background



This preview shows how black text looks on a background with the YUV color 89.5480, 32.7608, 38.9844.



This preview shows how white text looks on a background with the YUV color 89.5480, 32.7608,

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

89.5480, 32.7608, 38.9844

Protanopia

72.1590, 55.6306, -63.2834

Deuteranopia

85.6520, 31.2306, -30.3898



Tritanopia

91.6230, -4.7441, 28.3946

Trichromacy



Original Color

89.5480, 32.7608, 38.9844

Protanomaly

78.5120, 47.0756, -25.8820

Deuteranomaly

87.3330, 31.8808, -5.5540

Tritanomaly

91.2010, 8.7749, 32.2727

Monochromacy



Original Color

89.5480, 32.7608, 38.9844

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8890, 11.8867, 14.1293

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5480, 32.7608, 38.9844 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(134, 54, 156)` looks like.

```
.text, #text, p{  
    color:rgb(134, 54, 156)  
}
```

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(134, 54, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 54, 156) }
```

Border

The CSS property to change the border of an element to YUV 89.5480, 32.7608, 38.9844 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(134, 54, 156) }
```


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

```
.border{ border-color:rgb(134, 54, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 54, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 54, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 54, 156);  
box-shadow:4px 4px 4px 4px rgb(134, 54,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 89.5480, 32.7608, 38.9844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 54, 156) }
```

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

```
.background{ background-color: rgb(134, 54,  
156) }
```

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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