

Converting Colors

YUV(89.7800, -39.8245,
33.5189)

Have a look what the booklet for
YUV(89.7800, -39.8245, 33.5189)
contains.

YUV(89.7800, -39.8245, 33.5189)	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(89.7800, -39.8245,
33.5189)**

Conversions

Conversions Part 1

Format	Color
Hex	805609
RGB	128, 86, 9
RGB Percent	50%, 34%, 4%
CMY	0.4980, 0.6627, 0.9647
CMYK	0.00, 0.33, 0.93, 0.50
HSL	39°, 87%, 27%
HSV	39°, 93%, 50%
XYZ	12.2792, 11.2645, 1.7855
YIQ	89.7800, 49.7490, -15.0430

Conversions

Conversions Part 2

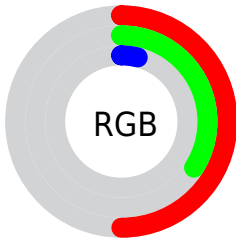
Format	Color
R_{YB}	74, 128, 9
Decimal	8410633
CIE _{Lab}	40.02, 11.29, 45.78
CIE _{LCh}	40, 47.149, 76.149
Yxy	11.2645, 0.4848, 0.4447
Android (android.graphics.Color)	4286600713 (0xFF805609)
YUV	89.7800, -39.8245, 33.5189
Hunter-Lab	33.5626, 6.5712, 20.3396

Details

The YUV color **89.7800, -39.8245, 33.5189** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **47.2200, 39.8245, -33.5189**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2150, -39.5460, 37.5224**, and **46.1930, -22.7731, 24.3867** is the 20% darker color. If you saturate the color by 10%, you get **86.9930, -42.8875, 35.9631**, and if you desaturate by 10%, it is **94.1970, -35.5931, 29.6452**.

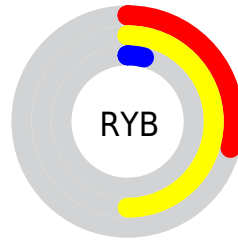
Distribution



Red (50%)

Green (34%)

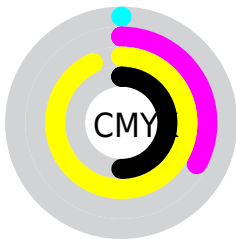
Blue (4%)



Red (29%)

Yellow (50%)

Blue (4%)

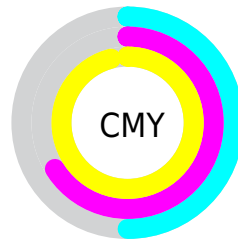


Cyan (0%)

Magenta (33%)

Yellow (93%)

Black (50%)



Cyan (50%)

Magenta (66%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.7800, -39.8245, 33.5189 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 89.7800, -39.8245, 33.5189 by changing the saturation by 10% instead.

■ 89.7800, -39.8245,
33.5189

■ 89.7800, -39.8245,
33.5189

■ 254.5440, -1.7472,
0.3999

■ 67.1800, -33.1197,
29.6601

■ 142.2150,
-39.5460, 37.5224

■ 46.1930, -22.7731,
24.3867

■ 168.9980,
-40.4250, 39.4668

■ 26.6790, -13.1527,
18.6985

■ 196.7810,
-41.3040, 41.4111

■ 7.1760, -3.5378,
14.7546


■ 218.8830,
-39.3823, 31.6746


■ 0.0000, 0.0000,
0.0000


■ 238.9840,
-35.9811, 14.0460


■ 247.9320,


-27.0815, 6.1986


 251.2380,
-14.4143, 3.2993


 89.7800, -39.8245,
33.5189


 89.7800, -39.8245,
33.5189


 86.9930, -42.8875,
35.9631

 94.1970, -35.5931,
29.6452

 98.0270, -31.0723,
26.2863

 102.3300,
-27.2777, 22.5126

 106.1600,
-22.7569, 19.1537

 110.5770,
-18.5255, 15.2800

■ 114.4070,
-14.0047, 11.9211

■ 118.8240, -9.7732,
8.0474

■ 122.5400, -5.6892,
4.7884

■ 126.9570, -1.4578,
0.9147

Harmonies

Analogous

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



91.3970, -25.3387, 54.0258



89.7800, -39.8245, 33.5189



86.7890, -40.3220, 6.3240

Triad

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



89.7800, -39.8245, 33.5189



78.8540, 17.8200, -69.1550



97.3750, 24.9581, 21.5961

Complementary

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



89.7800, -39.8245, 33.5189



47.2200, 39.8245, -33.5189

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.



90.0140, 38.9401, -29.8303



89.7800, -39.8245, 33.5189



81.5560, 33.2499, -71.5246

Square

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



89.7800, -39.8245, 33.5189



73.7070, 0.6374, -64.6410



80.3140, 43.7222, -70.4354



93.9740, 9.8728, 53.5198

Rectangle

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



89.7800, -39.8245, 33.5189



83.9200, -29.0476, -16.5928



80.3140, 43.7222, -70.4354



96.2530, 29.9483, 7.6711

Sweetspot

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



89.7800, -39.8245, 33.5189



150.6630, -15.6099, 13.4505



49.5970, 1.6777, 68.7594



74.9380, -9.3364, 7.9474



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.



89.7800, -39.8245, 33.5189



112.4430, -55.4344, 46.9695



109.6500, -49.6204, 2.0610



62.0280, -2.4788, 1.7294



86.9930, -42.8875, 35.9631



0.0000, 0.0000, 0.0000

Inverse Universe

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



47.2200, 39.8245, -33.5189



53.5570, 55.4344, -46.9695



27.3500, 49.6205, -2.0610



59.5590, 2.1894, -2.2442



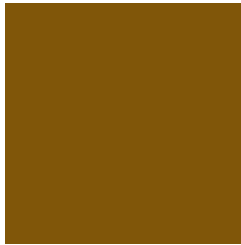
41.0070, 42.8875, -35.9631



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.7800, -39.8245, 33.5189 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 89.7800, -39.8245, 33.5189 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 89.7800, -39.8245, 33.5189

Background



This preview shows how black text looks on a background with the YUV color 89.7800, -39.8245, 33.5189.



This preview shows how white text looks on a background with the YUV color 89.7800, -39.8245,

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

89.7800, -39.8245, 33.5189

Protanopia

89.1260, -38.0231, 15.6755

Deuteranopia

88.7100, -43.7340, 27.4413



Tritanopia

96.2320, -5.0444, 31.3685

Trichromacy



Original Color

89.7800, -39.8245, 33.5189

Protanomaly

89.6430, -38.7710, 22.2381

Deuteranomaly

89.3620, -42.5765, 29.5005

Tritanomaly

93.9150, -17.7061, 32.5235

Monochromacy



Original Color

89.7800, -39.8245, 33.5189

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.2930, -14.4414, 12.0210

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.7800, -39.8245, 33.5189 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(128, 86, 9)` looks like.

```
.text, #text, p{  
    color:rgb(128, 86, 9)  
}
```

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(128, 86, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 86, 9) }
```

Border

The CSS property to change the border of an element to YUV 89.7800, -39.8245, 33.5189 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(128, 86, 9) }
```


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

```
.border{ border-color:rgb(128, 86, 9) }
```

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

Here you see how a box with a 4 pixel rgb(128, 86, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 86, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 86, 9);  
box-shadow:4px 4px 4px 4px rgb(128, 86, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 89.7800, -39.8245, 33.5189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 86, 9) }
```

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

```
.background{ background-color: rgb(128, 86,  
9) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor