

Converting Colors

YUV(85.6480, -39.7595,
12.5867)

Have a look what the booklet for
YUV(85.6480, -39.7595, 12.5867)
contains.

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Color

**YUV(85.6480, -39.7595,
12.5867)**

Conversions

Conversions Part 1

Format	Color
Hex	645E05
RGB	100, 94, 5
RGB Percent	39%, 37%, 2%
CMY	0.6078, 0.6314, 0.9804
CMYK	0.00, 0.06, 0.95, 0.61
HSL	56°, 90%, 21%
HSV	56°, 95%, 39%
XYZ	9.2856, 10.7257, 1.7244
YIQ	85.6480, 32.1450, -26.4070

Conversions

Conversions Part 2

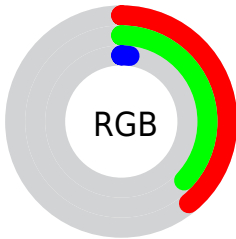
Format	Color
R_{YB}	11, 100, 5
Decimal	6577669
CIE _{Lab}	39.11, -7.28, 44.80
CIE _{LCh}	39, 45.387, 99.230
Yxy	10.7257, 0.4272, 0.4935
Android (android.graphics.Color)	4284767749 (0xFF645E05)
YUV	85.6480, -39.7595, 12.5867
Hunter-Lab	32.7501, -6.7026, 19.8032

Details

The YUV color **85.6480, -39.7595, 12.5867** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **19.3520, 39.7595, -12.5867**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.4140, -38.1651, 14.5459**, and **42.8270, -21.1137, 5.4137** is the 20% darker color. If you saturate the color by 10%, you get **85.0780, -41.9435, 13.0866**, and if you desaturate by 10%, it is **87.3750, -35.6809, 11.0721**.

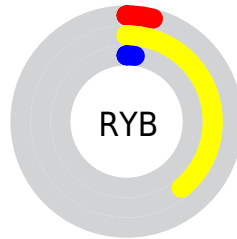
Distribution



Red (39%)

Green (37%)

Blue (2%)



Red (4%)

Yellow (39%)

Blue (2%)

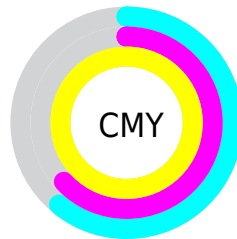


Cyan (0%)

Magenta (6%)

Yellow (95%)

Black (61%)



Cyan (61%)

Magenta (63%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.6480, -39.7595, 12.5867 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 85.6480, -39.7595, 12.5867 by changing the saturation by 10% instead.

85.6480, -39.7595,
12.5867

85.6480, -39.7595,
12.5867

254.3160, -2.6208,
0.5999

63.8030, -31.4549,
8.9428

137.4140,
-38.1651, 14.5459

42.8270, -21.1137,
5.4137

163.8980,
-38.8967, 15.8755

23.9110, -11.7881,
0.9551

191.6700,
-39.7703, 16.0754


0.0000, 0.0000,
0.0000


219.7410,
-40.7913, 16.8901


244.0390,
-39.4592, 9.6128


247.8180,


-27.5183, 6.2986


 251.0100,
-15.2879, 3.4992


 85.6480, -39.7595,
12.5867


 85.6480, -39.7595,
12.5867


 85.0780, -41.9435,
13.0866

 87.3750, -35.6809,
11.0721

 88.5150, -31.3129,
10.0723

 90.2420, -27.2343,
8.5578

 91.9690, -23.1557,
7.0432

 93.1090, -18.7877,
6.0434

■ 94.8360, -14.7091,
4.5288

■ 95.9760, -10.3412,
3.5290

■ 97.7030, -6.2626,
2.0145

■ 99.4300, -2.1840,
0.4999

Harmonies

Analogous

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



88.7680, -34.8886, 37.0375



85.6480, -39.7595, 12.5867



81.8210, -25.5478, -19.1370

Triad

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



85.6480, -39.7595, 12.5867



79.1280, 29.0239, -69.3953



92.7280, 12.9521, 45.8425

Complementary

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



85.6480, -39.7595, 12.5867



19.3520, 39.7595, -12.5867

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.



94.5910, 27.3166, 11.7597



85.6480, -39.7595, 12.5867



78.8150, 40.5172, -69.1208

Square

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



85.6480, -39.7595, 12.5867



76.3120, 13.1572, -66.9256



81.7730, 41.0309, -47.1589



89.4620, -3.6788, 60.1078

Rectangle

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



85.6480, -39.7595, 12.5867



71.7270, -9.7254, -54.1346



81.7730, 41.0309, -47.1589



93.9270, 17.7840, 36.0210

Sweetspot

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



85.6480, -39.7595, 12.5867



124.4940, -16.0195, 4.8288



34.0890, -11.3829, 57.8039



62.7910, -9.7570, 2.8143



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



85.6480, -39.7595, 12.5867



110.4840, -54.4686, 17.1155



76.9110, -35.4521, -15.7079



50.4300, -2.1840, 0.4999



97.7810, -48.2060, 15.1011



205.6070, -101.3643, 31.9167

Inverse Universe

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



19.3520, 39.7595, -12.5867



19.5160, 54.4686, -17.1155



28.0890, 35.4521, 15.7079



46.5700, 2.1840, -0.4999



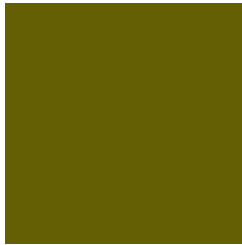
17.2190, 48.2060, -15.1011



36.3930, 101.3643, -31.9167

Previews

White Background



This preview shows how the YUV color 85.6480, -39.7595, 12.5867 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 85.6480, -39.7595, 12.5867 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

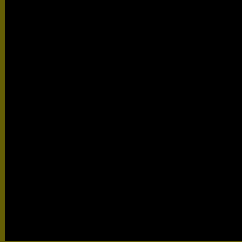
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.6480, -39.7595, 12.5867

Background



This preview shows how black text looks on a background with the YUV color 85.6480, -39.7595, 12.5867.



This preview shows how white text looks on a background with the YUV color 85.6480, -39.7595,

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

85.6480, -39.7595, 12.5867

Protanopia

86.1430, -40.4965, 15.6606

Deuteranopia

88.2350, -36.5979, 25.2269



Tritanopia

93.4790, 0.2569, 10.9809

Trichromacy



Original Color

85.6480, -39.7595, 12.5867

Protanomaly

85.8440, -40.3491, 15.0458

Deuteranomaly

87.2730, -37.6026, 20.8086

Tritanomaly

90.9940, -14.2940, 11.4063

Monochromacy



Original Color

85.6480, -39.7595, 12.5867

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9500, -14.2724, 4.4288

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.6480, -39.7595, 12.5867 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(100, 94, 5)` looks like.

```
.text, #text, p{  
    color:rgb(100, 94, 5)  
}
```

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(100, 94, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 94, 5) }
```

Border

The CSS property to change the border of an element to YUV 85.6480, -39.7595, 12.5867 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(100, 94, 5) }
```


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

```
.border{ border-color:rgb(100, 94, 5) }
```

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

Here you see how a box with a 4 pixel rgb(100, 94, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 94, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 94, 5);  
box-shadow:4px 4px 4px 4px rgb(100, 94, 5)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.6480, -39.7595, 12.5867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 94, 5) }
```

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

```
.background{ background-color: rgb(100, 94,  
5) }
```

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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