

Converting Colors

YUV(113.5580, -39.7151,
45.1146)

Have a look what the booklet for
YUV(113.5580, -39.7151, 45.1146)
contains.

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Color

**YUV(113.5580, -39.7151,
45.1146)**

Conversions

Conversions Part 1

Format	Color
Hex	A56721
RGB	165, 103, 33
RGB Percent	65%, 40%, 13%
CMY	0.3529, 0.5961, 0.8706
CMYK	0.00, 0.38, 0.80, 0.35
HSL	32°, 67%, 39%
HSV	32°, 80%, 65%
XYZ	20.6418, 17.8096, 3.7885
YIQ	113.5580, 59.4220, -8.6260

Conversions

Conversions Part 2

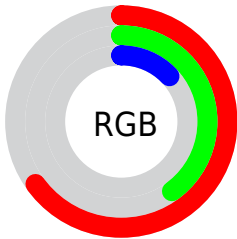
Format	Color
R_{YB}	150, 165, 33
Decimal	10839841
CIE _{Lab}	49.26, 19.23, 47.23
CIE _{LCh}	49, 50.997, 67.846
Yxy	17.8096, 0.4887, 0.4216
Android (android.graphics.Color)	4289029921 (0xFFA56721)
YUV	113.5580, -39.7151, 45.1146
Hunter-Lab	42.2015, 13.4563, 24.2184

Details

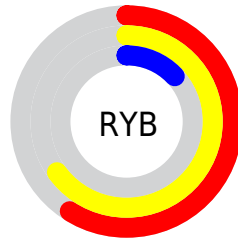
The YUV color **113.5580, -39.7151, 45.1146** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **84.4420, 39.7151, -45.1146**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8360, -41.3311, 50.1328**, and **65.1640, -32.1259, 37.5672** is the 20% darker color. If you saturate the color by 10%, you get **106.9240, -44.8255, 50.9327**, and if you desaturate by 10%, it is **120.1920, -34.6047, 39.2966**.

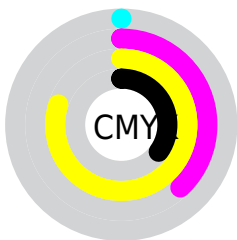
Distribution



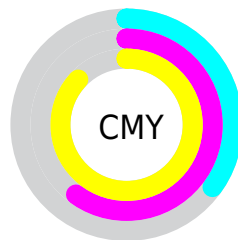
- Red (65%)
- Green (40%)
- Blue (13%)



- Red (59%)
- Yellow (65%)
- Blue (13%)



- Cyan (0%)
- Magenta (38%)
- Yellow (80%)
- Black (35%)



- Cyan (35%)
- Magenta (60%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.5580, -39.7151, 45.1146 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 113.5580, -39.7151, 45.1146 by changing the saturation by 10% instead.

■ 113.5580,
-39.7151, 45.1146

■ 113.5580,
-39.7151, 45.1146

■ 255.0000, 0.0000,
0.0000

■ 87.4930, -41.1620,
42.5406

■ 166.8360,
-41.3311, 50.1328

■ 65.1640, -32.1259,
37.5672

■ 194.8040,
-42.7944, 52.7919

■ 43.8780, -21.6319,
31.6790

■ 214.3180,
-39.1038, 35.6781

■ 23.4780, -11.5747,
25.8908

■ 233.7180,
-35.8500, 18.6643

■ 9.0840, -3.9854,
18.3433

■ 247.4760,
-28.8287, 6.5985

■ 0.0000, 0.0000,
0.0000

■ 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,
0.8998

113.5580,
-39.7151, 45.1146

113.5580,
-39.7151, 45.1146

106.9240,
-44.8255, 50.9327

120.1920,
-34.6047, 39.2966

100.4040,
-49.4992, 56.6507

126.7120,
-29.9310, 33.5786

132.6450,
-24.9680, 28.3753

139.2790,
-19.8575, 22.5573

145.7990,
-15.1839, 16.8393

■ 151.8460, -9.7841,
11.5361

■ 158.3660, -5.1104,
5.8180

■ 165.0000, 0.0000,
0.0000

■ 171.6340, 5.1104,
-5.8180

Harmonies

Analogous

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



114.5170, -23.9189, 65.3216



113.5580, -39.7151, 45.1146



110.5900, -45.1539, 16.1456

Triad

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



113.5580, -39.7151, 45.1146



95.5980, 15.9742, -83.8394



120.5570, 32.2634, 11.7895

Complementary

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



113.5580, -39.7151, 45.1146



84.4420, 39.7151, -45.1146

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.



104.6670, 48.4782, -55.8360



113.5580, -39.7151, 45.1146



99.0980, 34.4617, -86.9089

Square

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



113.5580, -39.7151, 45.1146



88.7070, -2.8136, -77.7960



98.7680, 48.4284, -86.6195



119.1570, 15.6986, 51.6053

Rectangle

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



113.5580, -39.7151, 45.1146



107.3250, -36.6422, -7.3010



98.7680, 48.4284, -86.6195



118.4130, 37.2644, -5.6242

Sweetspot

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



113.5580, -39.7151, 45.1146



194.0980, -15.3313, 17.4541



79.7640, 8.4973, 74.7520



95.2480, -9.4893, 10.3065



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



113.5580, -39.7151, 45.1146



134.2780, -61.7621, 69.9162



149.3540, -57.3625, 11.9675



78.6260, -2.7736, 2.9590



88.5540, -43.6571, 49.5031



10.6650, -5.2578, 6.4328

Inverse Universe

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



84.4420, 39.7151, -45.1146



88.7220, 61.7621, -69.9162



48.6460, 57.3625, -11.9675



76.3740, 2.7736, -2.9590



56.4460, 43.6571, -49.5031



6.7480, 5.5472, -5.9180

Previews

White Background



This preview shows how the YUV color 113.5580, -39.7151, 45.1146 looks on a white background.

Color Contrast Check

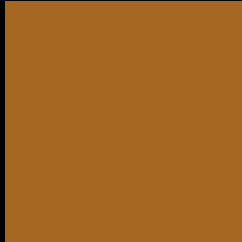
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.5580, -39.7151, 45.1146 looks on a black 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

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

YUV 113.5580, -39.7151, 45.1146

Background



This preview shows how black text looks on a background with the YUV color 113.5580, -39.7151, 45.1146.



This preview shows how white text looks on a background with the YUV color 113.5580, -39.7151,

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

113.5580, -39.7151, 45.1146

Protanopia

112.9520, -37.4443, 16.7051

Deuteranopia

113.3020, -41.5609, 30.4301



Tritanopia

118.6250, -7.7031, 44.1789

Trichromacy



Original Color

113.5580, -39.7151, 45.1146

Protanomaly

113.4910, -38.2031, 26.7564

Deuteranomaly

113.4490, -41.1404, 35.5632

Tritanomaly

117.2370, -19.3438, 44.5192

Monochromacy



Original Color

113.5580, -39.7151, 45.1146

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.0270, -14.3103, 16.6393

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.5580, -39.7151, 45.1146 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(165, 103, 33)` looks like.

```
.text, #text, p{  
    color:rgb(165, 103, 33)  
}
```

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(165, 103, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 103, 33) }
```

Border

The CSS property to change the border of an element to YUV 113.5580, -39.7151, 45.1146 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(165, 103, 33) }
```


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

```
.border{ border-color:rgb(165, 103, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 103, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 103, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 103, 33);  
box-shadow:4px 4px 4px 4px rgb(165, 103,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 113.5580, -39.7151, 45.1146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 103, 33) }
```

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

```
.background{ background-color: rgb(165,  
103, 33) }
```

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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