

Converting Colors

YUV(117.3580, -39.6165,
60.1990)

Have a look what the booklet for
YUV(117.3580, -39.6165, 60.1990)
contains.

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Color

**YUV(117.3580, -39.6165,
60.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	BA6225
RGB	186, 98, 37
RGB Percent	73%, 38%, 15%
CMY	0.2706, 0.6157, 0.8549
CMYK	0.00, 0.47, 0.80, 0.27
HSL	25°, 67%, 44%
HSV	25°, 80%, 73%
XYZ	24.9513, 19.3080, 4.1620
YIQ	117.3580, 72.0290, -0.3150

Conversions

Conversions Part 2

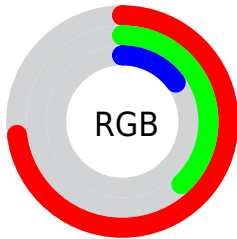
Format	Color
RYB	186, 140, 37
Decimal	12214821
CIELab	51.05, 31.16, 48.22
CIELCh	51, 57.416, 57.131
Yxy	19.3080, 0.5153, 0.3988
Android (android.graphics.Color)	4290404901 (0xFFBA6225)
YUV	117.3580, -39.6165, 60.1990
Hunter-Lab	43.9409, 24.4624, 25.1428

Details

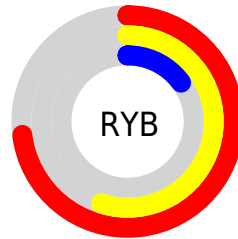
The YUV color **117.3580, -39.6165, 60.1990** is a dark color, and the websafe version is hex **CC6633**. A complement of this color would be **105.6420, 39.6165, -60.1990**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.8210, -41.8168, 65.9320**, and **66.7360, -32.9008, 52.8515** is the 20% darker color. If you saturate the color by 10%, you get **108.7350, -44.7324, 67.7614**, and if you desaturate by 10%, it is **125.9810, -34.5006, 52.6367**.

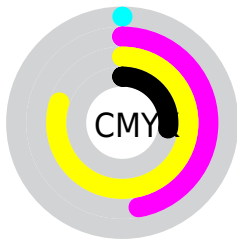
Distribution



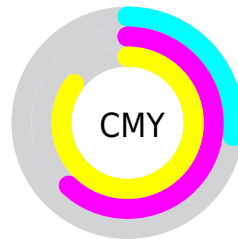
- Red (73%)
- Green (38%)
- Blue (15%)



- Red (73%)
- Yellow (55%)
- Blue (15%)



- Cyan (0%)
- Magenta (47%)
- Yellow (80%)
- Black (27%)



- Cyan (27%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.3580, -39.6165, 60.1990 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 117.3580, -39.6165, 60.1990 by changing the saturation by 10% instead.

■ 117.3580,
-39.6165, 60.1990

■ 117.3580,
-39.6165, 60.1990

255.0000, 0.0000,
0.0000

■ 90.5210, -40.1899,
57.4251

■ 171.8210,
-41.8168, 65.9320

■ 66.7360, -32.9008,
52.8515

■ 192.9120,
-39.8896, 54.4512

■ 43.9770, -21.6807,
47.3782

■ 212.3120,
-36.6358, 37.4374

■ 20.6310, -10.1711,
42.4196

■ 231.8260,
-32.9452, 20.3236

■ 13.5690, -6.1965,
27.5650

■ 247.9320,
-27.0815, 6.1986

■ 0.0000, 0.0000,
0.0000

■ 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,
0.4999

■ 117.3580,
-39.6165, 60.1990

■ 117.3580,
-39.6165, 60.1990

■ 108.7350,
-44.7324, 67.7614

■ 125.9810,
-34.5006, 52.6367

■ 100.2260,
-49.4114, 75.2238

■ 134.4900,
-29.8216, 45.1743

■ 143.1130,
-24.7057, 37.6119

■ 151.6220,
-20.0266, 30.1495

■ 160.2450,
-14.9108, 22.5871

■ 168.8680, -9.7949,
15.0248

■ 177.3770, -5.1159,
7.5624

■ 186.0000, 0.0000,
0.0000

■ 194.5090, 4.6791,
-7.4624

Harmonies

Analogous

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



116.7990, -18.1419, 79.1063



117.3580, -39.6165, 60.1990



113.8170, -56.1118, 30.8555

Triad

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



117.3580, -39.6165, 60.1990



97.6380, 8.5595, -85.6285



122.1720, 42.8062, -9.7978

Complementary

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



117.3580, -39.6165, 60.1990



105.6420, 39.6165, -60.1990

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.



100.8030, 58.7641, -88.4042



117.3580, -39.6165, 60.1990



103.3380, 30.3994, -90.6274

Square

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



117.3580, -39.6165, 60.1990



94.9720, -14.7762, -67.5044



105.3220, 48.1553, -92.3674



124.3440, 25.4664, 45.3023

Rectangle

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



117.3580, -39.6165, 60.1990



111.1730, -52.8363, 6.8643



105.3220, 48.1553, -92.3674



116.0270, 49.2867, -35.1037

Sweetspot

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



117.3580, -39.6165, 60.1990



215.4300, -15.4950, 23.3019



91.6970, 16.9114, 82.7037



105.6830, -9.2107, 14.3100



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



117.3580, -39.6165, 60.1990



135.1330, -61.6906, 93.7224



160.2090, -60.7420, 22.6187



87.4520, -2.1948, 3.9886



84.2120, -41.5165, 62.9581



14.8290, -7.3107, 11.5510

Inverse Universe

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



105.6420, 39.6165, -60.1990



116.8670, 61.6906, -93.7224



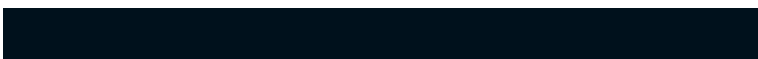
62.7910, 60.7420, -22.6187



86.9610, 2.4842, -3.4738



71.7880, 41.5165, -62.9581



13.1710, 7.3107, -11.5510

Previews

White Background



This preview shows how the YUV color 117.3580, -39.6165, 60.1990 looks on a white 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

Black Background



This preview shows how the YUV color 117.3580, -39.6165, 60.1990 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 117.3580, -39.6165, 60.1990

Background



This preview shows how black text looks on a background with the YUV color 117.3580, -39.6165, 60.1990.



This preview shows how white text looks on a background with the YUV color 117.3580, -39.6165, 60.1990.

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

117.3580, -39.6165, 60.1990

Protanopia

117.4790, -36.7181, 17.1199

Deuteranopia

117.5580, -43.1661, 31.9596



Tritanopia

121.6870, -11.6777, 59.0335

Trichromacy



Original Color

117.3580, -39.6165, 60.1990

Protanomaly

117.3500, -37.6406, 33.0190

Deuteranomaly

117.3790, -41.5988, 42.6406

Tritanomaly

120.0540, -21.7186, 59.5886

Monochromacy



Original Color

117.3580, -39.6165, 60.1990

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0600, -14.3266, 21.8724

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.3580, -39.6165, 60.1990 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(186, 98, 37)` looks like.

```
.text, #text, p{  
    color:rgb(186, 98, 37)  
}
```

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(186, 98, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 98, 37) }
```

Border

The CSS property to change the border of an element to YUV 117.3580, -39.6165, 60.1990 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(186, 98, 37) }
```


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

```
.border{ border-color:rgb(186, 98, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 98, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 98, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 98, 37);  
box-shadow:4px 4px 4px 4px rgb(186, 98,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 117.3580, -39.6165, 60.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 98, 37) }
```

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

```
.background{ background-color: rgb(186, 98,  
37) }
```

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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