

Converting Colors

YUV(57.6920, -16.1172,
36.2271)

Have a look what the booklet for
YUV(57.6920, -16.1172, 36.2271)
contains.

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Color

**YUV(57.6920, -16.1172,
36.2271)**

Conversions

Conversions Part 1

Format	Color
Hex	632B19
RGB	99, 43, 25
RGB Percent	39%, 17%, 10%
CMY	0.6118, 0.8314, 0.9020
CMYK	0.00, 0.57, 0.75, 0.61
HSL	15°, 60%, 24%
HSV	15°, 75%, 39%
XYZ	6.1849, 4.4506, 1.4528
YIQ	57.6920, 39.1540, 6.2740

Conversions

Conversions Part 2

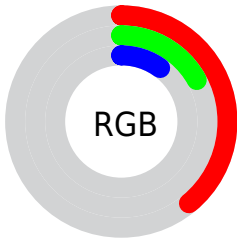
Format	Color
R_{YB}	99, 49, 25
Decimal	6499097
CIE _{Lab}	25.11, 23.92, 23.44
CIE _{LCh}	25, 33.490, 44.420
Yxy	4.4506, 0.5116, 0.3682
Android (android.graphics.Color)	4284689177 (0xFF632B19)
YUV	57.6920, -16.1172, 36.2271
Hunter-Lab	21.0964, 15.4129, 10.6846

Details

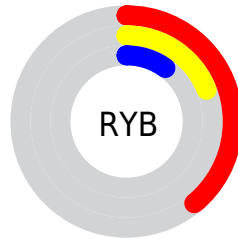
The YUV color **57.6920, -16.1172, 36.2271** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.3080, 16.1172, -36.2271**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.7420, -18.6068, 41.4453**, and **14.0530, -6.9281, 28.8945** is the 20% darker color. If you saturate the color by 10%, you get **52.4430, -18.4594, 40.8305**, and if you desaturate by 10%, it is **62.9410, -13.7749, 31.6237**.

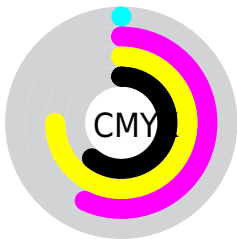
Distribution



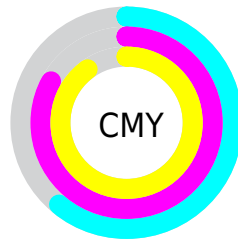
- Red (39%)
- Green (17%)
- Blue (10%)



- Red (39%)
- Yellow (19%)
- Blue (10%)



- Cyan (0%)
- Magenta (57%)
- Yellow (75%)
- Black (61%)



- Cyan (61%)
- Magenta (83%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 57.6920, -16.1172, 36.2271 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 57.6920, -16.1172, 36.2271 by changing the saturation by 10% instead.

■ 57.6920, -16.1172,
36.2271

■ 57.6920, -16.1172,
36.2271

■ 254.8860, -0.4368,
0.1000

■ 33.5670, -16.5485,
34.5827

■ 106.7420,
-18.6068, 41.4453

■ 14.0530, -6.9281,
28.8945

■ 132.5250,
-19.4858, 43.3896

■ 2.0930, -1.0318,
4.3034

■ 159.1940,
-20.8016, 45.4339

■ 0.0000, 0.0000,
0.0000

■ 186.6780,
-21.5333, 46.7634

■ 210.0900,
-19.7644, 39.3861

■ 229.6040,

-16.0738, 22.2723

■ 249.8190,
-12.2358, 4.5437

■ 57.6920, -16.1172,
36.2271

■ 57.6920, -16.1172,
36.2271

■ 52.4430, -18.4594,
40.8305

■ 62.9410, -13.7749,
31.6237

■ 46.6070, -20.5123,
45.9487

■ 68.7770, -11.7221,
26.5056

■ 43.6890, -21.5387,
48.5077

■ 74.0260, -9.3798,
21.9022

■ 79.8620, -7.3270,
16.7840

■ 85.1110, -4.9847,
12.1807

■ 90.8330, -3.3687,
7.1625

■ 96.0820, -1.0264,
2.5591

■ 101.9180, 1.0264,
-2.5591

■ 107.1670, 3.3687,
-7.1625

Harmonies

Analogous

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



57.4120, -4.6401, 41.7347



57.6920, -16.1172, 36.2271



57.1990, -25.2411, 22.6275

Triad

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



57.6920, -16.1172, 36.2271



46.8070, -0.8909, -41.0497



56.0400, 26.1093, -21.0831

Complementary

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



57.6920, -16.1172, 36.2271



66.3080, 16.1172, -36.2271

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.



51.0540, 28.0744, -44.7744



57.6920, -16.1172, 36.2271



50.3580, 10.1765, -44.1640

Square

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



57.6920, -16.1172, 36.2271



51.8780, -15.2229, -17.4330



51.8060, 20.8016, -45.4339



61.2570, 17.1283, 12.9296

Rectangle

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



57.6920, -16.1172, 36.2271



56.0790, -26.6609, 11.3317



51.8060, 20.8016, -45.4339



48.3470, 30.3949, -42.4003

Sweetspot

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



57.6920, -16.1172, 36.2271



111.7800, -6.3005, 14.2249



53.6240, 13.9894, 39.7948



54.4310, -3.6635, 8.3920



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



57.6920, -16.1172, 36.2271



63.8210, -25.0548, 56.2850



78.8240, -26.5352, 17.6944



45.7830, -0.8790, 1.9443



49.3370, -24.3231, 54.9555



105.8060, -52.1624, 117.6881

Inverse Universe

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



66.3080, 16.1172, -36.2271



77.1790, 25.0548, -56.2850



45.1760, 26.5352, -17.6944



46.2170, 0.8790, -1.9443



62.6630, 24.3231, -54.9555



133.6070, 52.4517, -117.1733

Previews

White Background



This preview shows how the YUV color 57.6920, -16.1172, 36.2271 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 ✓ Pass

Black Background



This preview shows how the YUV color 57.6920, -16.1172, 36.2271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

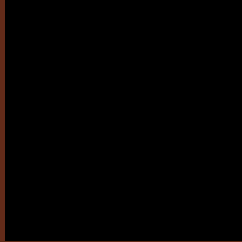
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 57.6920, -16.1172, 36.2271

Background



This preview shows how black text looks on a background with the YUV color 57.6920, -16.1172, 36.2271.

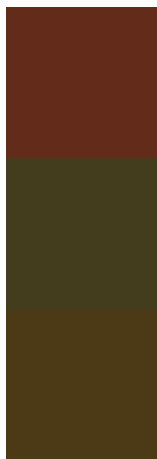


This preview shows how white text looks on a background with the YUV color 57.6920, -16.1172,

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

57.6920, -16.1172, 36.2271

Protanopia

59.2600, -14.4252, 6.7880

Deuteranopia

58.5770, -18.5255, 15.2800



Tritanopia

58.8690, -7.8234, 36.0719

Trichromacy



Original Color

57.6920, -16.1172, 36.2271

Protanomaly

58.5110, -15.0419, 17.9689

Deuteranomaly

58.1480, -17.8210, 22.6722

Tritanomaly

58.6580, -11.1704, 36.2569

Monochromacy



Original Color

57.6920, -16.1172, 36.2271

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.1820, -6.0057, 12.9954

CSS Examples

Text

The CSS property to change the color of the text to YUV 57.6920, -16.1172, 36.2271 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(99, 43, 25)` looks like.

```
.text, #text, p{  
    color:rgb(99, 43, 25)  
}
```

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(99, 43, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 43, 25) }
```

Border

The CSS property to change the border of an element to YUV 57.6920, -16.1172, 36.2271 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(99, 43, 25) }
```


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

```
.border{ border-color:rgb(99, 43, 25) }
```

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

Here you see how a box with a 4 pixel rgb(99, 43, 25) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 43, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 43, 25);  
box-shadow:4px 4px 4px 4px rgb(99, 43, 25)  
}
```

Background

The CSS property to change the background color of an element to YUV 57.6920, -16.1172, 36.2271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 43, 25) }
```

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

```
.background{ background-color: rgb(99, 43,  
25) }
```

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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