

Converting Colors

YUV(49.6900, -9.7072, 33.5979)

Have a look what the booklet for
YUV(49.6900, -9.7072, 33.5979)
contains.

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Color

**YUV(49.6900, -9.7072,
33.5979)**

Conversions

Conversions Part 1

Format	Color
Hex	58221E
RGB	88, 34, 30
RGB Percent	35%, 13%, 12%
CMY	0.6549, 0.8667, 0.8824
CMYK	0.00, 0.61, 0.66, 0.65
HSL	4°, 49%, 23%
HSV	4°, 66%, 35%
XYZ	4.8309, 3.3125, 1.6131
YIQ	49.6900, 33.4680, 10.2040

Conversions

Conversions Part 2

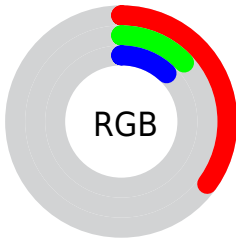
Format	Color
RYB	88, 34, 30
Decimal	5775902
CIELab	21.25, 24.63, 15.11
CIElCh	21, 28.898, 31.529
Yxy	3.3125, 0.4951, 0.3395
Android (android.graphics.Color)	4283965982 (0xFF58221E)
YUV	49.6900, -9.7072, 33.5979
Hunter-Lab	18.2003, 15.5285, 7.4854

Details

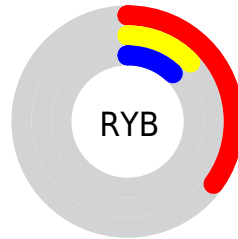
The YUV color **49.6900, -9.7072, 33.5979** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **68.3100, 9.7072, -33.5979**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **98.1420, -11.9020, 37.5865**, and **11.9600, -5.8963, 24.5911** is the 20% darker color. If you saturate the color by 10%, you get **43.9680, -11.3232, 38.6161**, and if you desaturate by 10%, it is **55.4120, -8.0911, 28.5797**.

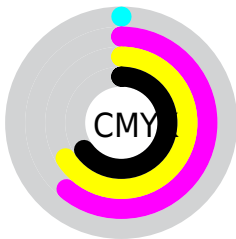
Distribution



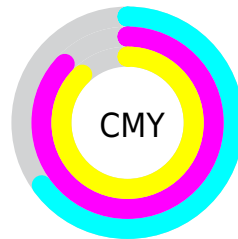
- Red (35%)
- Green (13%)
- Blue (12%)



- Red (35%)
- Yellow (13%)
- Blue (12%)



- Cyan (0%)
- Magenta (61%)
- Yellow (66%)
- Black (65%)



- Cyan (65%)
- Magenta (87%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6900, -9.7072, 33.5979 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 49.6900, -9.7072, 33.5979 by changing the saturation by 10% instead.

■ 49.6900, -9.7072,
33.5979

■ 49.6900, -9.7072,
33.5979

■ 255.0000, 0.0000,
0.0000

■ 25.9780, -9.8492,
32.4683

■ 98.1420, -11.9020,
37.5865

■ 11.9600, -5.8963,
24.5911

■ 123.3380,
-12.4916, 40.0456

■ 0.0000, 0.0000,
0.0000

■ 149.7080,
-13.6600, 41.4751

■ 176.6050,
-14.1023, 43.3194

■ 204.2030,
-14.3971, 44.5490

■ 223.7170,

-10.7065, 27.4352

243.9320, -6.8685,
9.7066

49.6900, -9.7072,
33.5979

49.6900, -9.7072,
33.5979

43.9680, -11.3232,
38.6161

55.4120, -8.0911,
28.5797

38.2460, -12.9393,
43.6343

61.1340, -6.4751,
23.5615

32.0510, -13.8291,
49.0673

67.3290, -5.5852,
18.1285

29.8340, -14.7082,
51.0116

73.0510, -3.9691,
13.1103

78.7730, -2.3531,
8.0921

■ 84.4950, -0.7370,
3.0739

■ 90.2170, 0.8790,
-1.9443

■ 96.4120, 1.7689,
-7.3773

■ 102.1340, 3.3849,
-12.3955

Harmonies

Analogous

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



50.6220, 0.1864, 33.6575



49.6900, -9.7072, 33.5979



49.3440, -18.4106, 25.1313

Triad

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



49.6900, -9.7072, 33.5979



39.8360, -4.8491, -31.4282



41.8270, 25.7213, -36.6823

Complementary

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



49.6900, -9.7072, 33.5979



68.3100, 9.7072, -33.5979

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.



44.0780, 21.6535, -38.6564



49.6900, -9.7072, 33.5979



41.7350, 5.0606, -36.6016

Square

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



49.6900, -9.7072, 33.5979



45.7870, -17.1500, -5.9522



44.1290, 14.2334, -38.7011



52.2940, 17.6031, 0.6192

Rectangle

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



49.6900, -9.7072, 33.5979



48.6650, -22.0198, 16.0798



44.1290, 14.2334, -38.7011



42.8870, 24.7057, -37.6119

Sweetspot

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



49.6900, -9.7072, 33.5979



99.4640, -3.6798, 13.6251



53.4980, 15.0375, 30.2583



49.7730, -2.3531, 8.0921



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



49.6900, -9.7072, 33.5979



54.7310, -15.1504, 52.8559



66.7130, -18.0995, 18.6687



40.1960, -0.5896, 2.4591



36.1020, -17.7983, 62.1775



79.6570, -39.2709, 136.2358

Inverse Universe

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



68.3100, 9.7072, -33.5979



83.6820, 15.4398, -52.3411



51.2870, 18.0995, -18.6687



41.8040, 0.5896, -2.4591



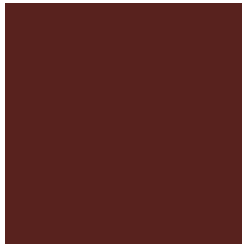
70.8980, 17.7983, -62.1775



154.7560, 39.5603, -135.7210

Previews

White Background



This preview shows how the YUV color 49.6900, -9.7072, 33.5979 looks on a white background.

Color Contrast Check

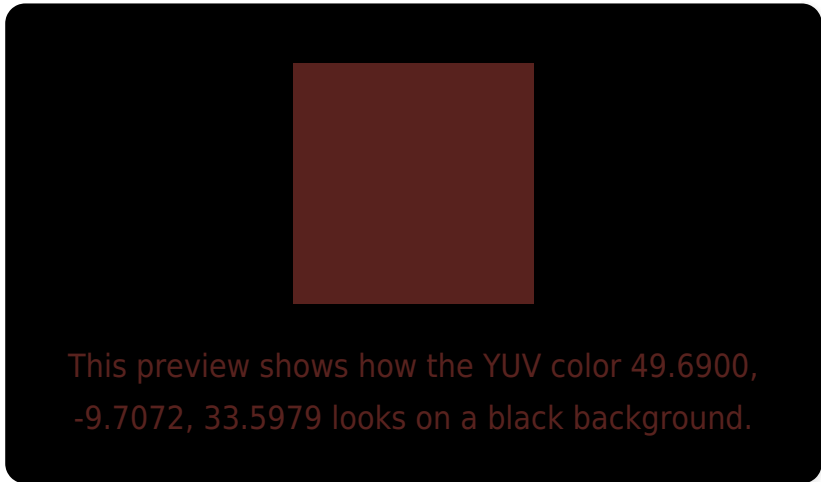
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

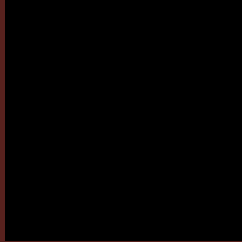
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.6900, -9.7072, 33.5979

Background



This preview shows how black text looks on a background with the YUV color 49.6900, -9.7072, 33.5979.

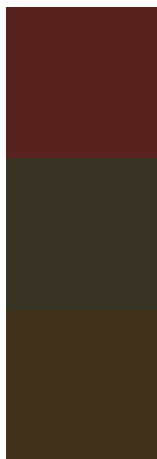


This preview shows how white text looks on a background with the YUV color 49.6900, -9.7072,

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

49.6900, -9.7072, 33.5979

Protanopia

51.4860, -7.1416, 3.9588

Deuteranopia

51.5640, -12.1101, 10.9064



Tritanopia

49.6730, -7.2338, 33.6128

Trichromacy



Original Color

49.6900, -9.7072, 33.5979

Protanomaly

50.6230, -8.1951, 15.2396

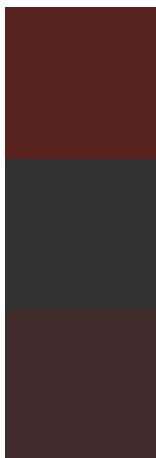
Deuteranomaly

50.8470, -11.2636, 19.4282

Tritanomaly

49.4450, -8.1074, 33.8127

Monochromacy



Original Color

49.6900, -9.7072, 33.5979

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.8660, -3.3849, 12.3955

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6900, -9.7072, 33.5979 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(88, 34, 30)` looks like.

```
.text, #text, p{  
    color:rgb(88, 34, 30)  
}
```

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(88, 34, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 34, 30) }
```

Border

The CSS property to change the border of an element to YUV 49.6900, -9.7072, 33.5979 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(88, 34, 30) }
```


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

```
.border{ border-color:rgb(88, 34, 30) }
```

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

Here you see how a box with a 4 pixel rgb(88, 34, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 34, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 34, 30);  
box-shadow:4px 4px 4px 4px rgb(88, 34, 30)  
}
```

Background

The CSS property to change the background color of an element to YUV 49.6900, -9.7072, 33.5979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 34, 30) }
```

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

```
.background{ background-color: rgb(88, 34,  
30) }
```

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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