

Converting Colors

YUV(49.6580, 12.4936, 52.9199)

Have a look what the booklet for
YUV(49.6580, 12.4936, 52.9199)
contains.

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Color

**YUV(49.6580, 12.4936,
52.9199)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 6E0E4B |
| RGB | 110, 14, 75 |
| RGB Percent | 43%, 5%, 29% |
| CMY | 0.5686, 0.9451, 0.7059 |
| CMYK | 0.00, 0.87, 0.32, 0.57 |
| HSL | 322°, 77%, 24% |
| HSV | 322°, 87%, 43% |
| XYZ | 7.8574, 4.1371, 7.0410 |
| YIQ | 49.6580, 37.6350, 39.3230 |

Conversions

Conversions Part 2

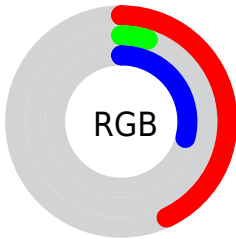
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 110, 14, 75 |
| Decimal | 7212619 |
| CIE _{Lab} | 24.12, 44.88, -11.10 |
| CIE _{LCh} | 24, 46.238, 346.103 |
| Yxy | 4.1371, 0.4128, 0.2173 |
| Android (android.graphics.Color) | 4285402699 (0xFF6E0E4B) |
| YUV | 49.6580, 12.4936, 52.9199 |
| Hunter-Lab | 20.3398, 33.3615, -6.2865 |

Details

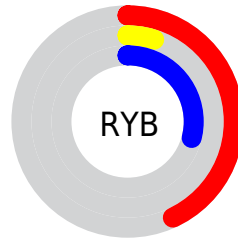
The YUV color **49.6580, 12.4936, 52.9199** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **74.3420, -12.4936, -52.9199**, and the grayscale version is **50.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.1480, 9.2940, 52.4902**, and **20.8760, 4.9911, 32.5577** is the 20% darker color. If you saturate the color by 10%, you get **42.7450, 13.9297, 58.9826**, and if you desaturate by 10%, it is **56.5710, 11.0575, 46.8572**.

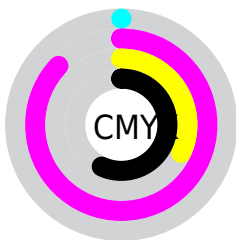
Distribution



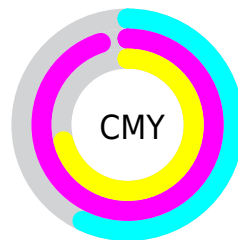
- Red (43%)
- Green (5%)
- Blue (29%)



- Red (43%)
- Yellow (5%)
- Blue (29%)



- Cyan (0%)
- Magenta (87%)
- Yellow (32%)
- Black (57%)



- Cyan (57%)
- Magenta (95%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 49.6580, 12.4936, 52.9199 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 49.6580, 12.4936, 52.9199 by changing the saturation by 10% instead.

■ 49.6580, 12.4936,
52.9199

■ 49.6580, 12.4936,
52.9199

255.0000, 0.0000,
0.0000

■ 30.7450, 10.4787,
45.8276

■ 105.1480, 9.2940,
52.4902

■ 20.8760, 4.9911,
32.5577

■ 131.7460, 8.9992,
53.7198

■ 10.2090, -3.5540,
19.9877

■ 158.6430, 8.5570,
55.5641


■ 0.0000, 0.0000,
0.0000


■ 186.6540, 8.5516,
57.3084


■ 207.1790, 12.2368,
41.9390


■ 226.2370, 14.1802,


25.2252


 243.2600, 5.7878,
10.2960


 49.6580, 12.4936,
52.9199

 49.6580, 12.4936,
52.9199


 42.7450, 13.9297,
58.9826


 56.5710, 11.0575,
46.8572

 40.8700, 14.3611,
60.6270

 63.4840, 9.6214,
40.7945

 70.3970, 8.1853,
34.7318

 77.3100, 6.7492,
28.6691

 84.2230, 5.3131,
22.6064

■ 91.1360, 3.8770,
16.5437

■ 98.0490, 2.4408,
10.4810

■ 104.9620, 1.0047,
4.4183

■ 111.8750, -0.4314,
-1.6444

Harmonies

Analogous

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



58.0220, 23.6532, 20.1517



49.6580, 12.4936, 52.9199



45.4130, -2.6686, 62.7818

Triad

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



49.6580, 12.4936, 52.9199



51.9530, -25.6128, 1.7952



53.8750, 26.1906, -47.2484

Complementary

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



49.6580, 12.4936, 52.9199



74.3420, -12.4936, -52.9199

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.



50.9280, 12.3605, -44.6639



49.6580, 12.4936, 52.9199



39.9160, -19.6786, -35.0063

Square

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



49.6580, 12.4936, 52.9199



54.7650, -26.9991, 26.5161



46.1230, -3.5116, -40.4499



52.9920, 35.4999, -46.4740

Rectangle

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



49.6580, 12.4936, 52.9199



50.2150, -15.8820, 54.1854



46.1230, -3.5116, -40.4499



53.4360, 21.9701, -46.8634

Sweetspot

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



49.6580, 12.4936, 52.9199



119.6850, 4.5923, 20.4473



35.1100, 36.9208, 11.3045



57.1740, 2.8722, 12.1254



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



49.6580, 12.4936, 52.9199



53.1310, 18.6694, 78.8151



44.3000, -8.0359, 57.6189



52.2500, 0.8628, 3.2888



44.5440, 15.5078, 66.1749



91.7510, 32.1678, 136.1534

Inverse Universe

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



49.6580, 12.4936, 52.9199



53.1310, 18.6694, 78.8151



79.7000, 8.0359, -57.6189



52.2500, 0.8628, 3.2888



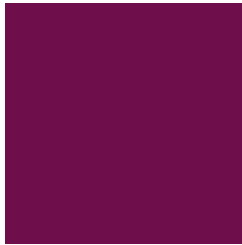
44.5440, 15.5078, 66.1749



91.7510, 32.1678, 136.1534

Previews

White Background



This preview shows how the YUV color 49.6580, 12.4936, 52.9199 looks on a white background.

Color Contrast Check

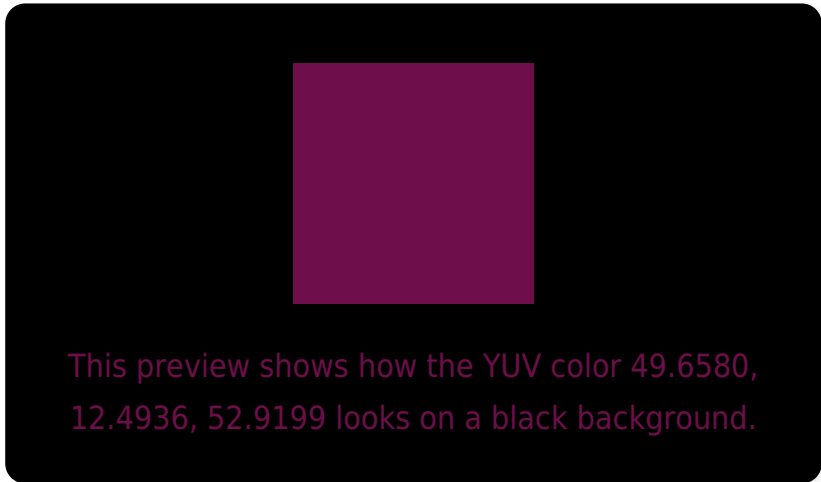
Large Text (above 18pt) WCAG AA ✓ Pass

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

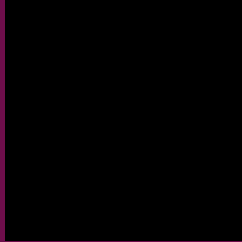
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 49.6580, 12.4936, 52.9199

Background



This preview shows how black text looks on a background with the YUV color 49.6580, 12.4936, 52.9199.



This preview shows how white text looks on a background with the YUV color 49.6580, 12.4936,

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

49.6580, 12.4936, 52.9199

Protanopia

57.3780, 23.4776, -16.9945

Deuteranopia

59.9660, 4.9468, 0.0298



Tritanopia

54.5390, -10.6187, 46.0083

Trichromacy



Original Color

49.6580, 12.4936, 52.9199

Protanomaly

54.5060, 19.4705, 8.3262

Deuteranomaly

56.1840, 7.7973, 19.1326

Tritanomaly

52.4390, -2.1884, 48.7270

Monochromacy



Original Color

49.6580, 12.4936, 52.9199

Achromatopsia

50.0000, 0.0000, 0.0000

Achromatomaly

49.9730, 4.4503, 19.3177

CSS Examples

Text

The CSS property to change the color of the text to YUV 49.6580, 12.4936, 52.9199 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(110, 14, 75)` looks like.

```
.text, #text, p{  
  color:rgb(110, 14, 75)  
}
```

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(110, 14, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 14, 75) }
```

Border

The CSS property to change the border of an element to YUV 49.6580, 12.4936, 52.9199 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(110, 14, 75) }
```


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

```
.border{ border-color:rgb(110, 14, 75) }
```

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

Here you see how a box with a 4 pixel rgb(110, 14, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 14, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 14, 75);  
box-shadow:4px 4px 4px 4px rgb(110, 14,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 49.6580, 12.4936, 52.9199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 14, 75) }
```

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

```
.background{ background-color: rgb(110, 14,  
75) }
```

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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