

Converting Colors

YUV(48.9900, 12.3299, 58.7678)

Have a look what the booklet for
YUV(48.9900, 12.3299, 58.7678)
contains.

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Color

**YUV(48.9900, 12.3299,
58.7678)**

Conversions

Conversions Part 1

Format	Color
Hex	740A4A
RGB	116, 10, 74
RGB Percent	45%, 4%, 29%
CMY	0.5451, 0.9608, 0.7098
CMYK	0.00, 0.91, 0.36, 0.55
HSL	324°, 84%, 25%
HSV	324°, 91%, 45%
XYZ	8.5470, 4.4245, 6.8821
YIQ	48.9900, 42.6320, 42.3760

Conversions

Conversions Part 2

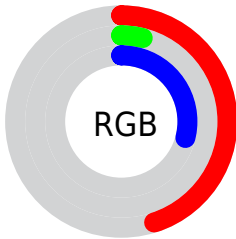
Format	Color
R_{YB}	116, 10, 74
Decimal	7604810
CIE _{Lab}	25.03, 47.16, -8.93
CIE _{LCh}	25, 48.001, 349.278
Yxy	4.4245, 0.4305, 0.2229
Android (android.graphics.Color)	4285794890 (0xFF740A4A)
YUV	48.9900, 12.3299, 58.7678
Hunter-Lab	21.0345, 35.7203, -4.6745

Details

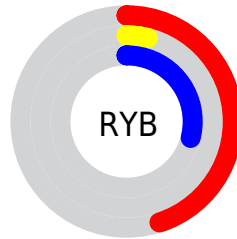
The YUV color **48.9900, 12.3299, 58.7678** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **77.0100, -12.3299, -58.7678**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.5400, 8.1148, 57.4084**, and **22.2570, 3.8173, 35.7316** is the 20% darker color. If you saturate the color by 10%, you get **42.6640, 13.4766, 64.3157**, and if you desaturate by 10%, it is **56.6040, 11.0412, 52.0903**.

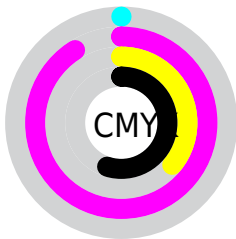
Distribution



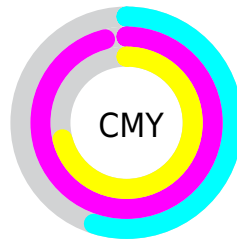
- Red (45%)
- Green (4%)
- Blue (29%)



- Red (45%)
- Yellow (4%)
- Blue (29%)



- Cyan (0%)
- Magenta (91%)
- Yellow (36%)
- Black (55%)



- Cyan (55%)
- Magenta (96%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.9900, 12.3299, 58.7678 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 48.9900, 12.3299, 58.7678 by changing the saturation by 10% instead.

■ 48.9900, 12.3299,
58.7678

■ 48.9900, 12.3299,
58.7678

255.0000, 0.0000,
0.0000

■ 32.4250, 9.1575,
49.6163

■ 106.5400, 8.1148,
57.4084

■ 22.2570, 3.8173,
35.7316

■ 133.6110, 7.0938,
58.2232

■ 11.8890, -4.8753,
23.7763

■ 160.9210, 6.9409,
60.5823

■ 0.0000, 0.0000,
0.0000


■ 187.4370, 7.6726,
59.2528

■ 207.0650, 11.8000,
42.0390


■ 226.2370, 14.1802,


25.2252


 243.2600, 5.7878,
10.2960


 48.9900, 12.3299,
58.7678

 48.9900, 12.3299,
58.7678


 42.6640, 13.4766,
64.3157

 56.6040, 11.0412,
52.0903

 63.5170, 9.6051,
46.0276

 71.1310, 8.3164,
39.3501

 78.0440, 6.8803,
33.2874

 85.6580, 5.5916,
26.6099

■ 93.2720, 4.3029,
19.9325

■ 100.1850, 2.8668,
13.8698

■ 107.7990, 1.5781,
7.1923

■ 114.7120, 0.1420,
1.1296

Harmonies

Analogous

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



59.6420, 23.3475, 24.8700



48.9900, 12.3299, 58.7678



46.3810, -4.1318, 65.4409

Triad

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



48.9900, 12.3299, 58.7678



53.7030, -26.4756, -1.4935



55.8470, 28.6694, -48.9778

Complementary

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



48.9900, 12.3299, 58.7678



77.0100, -12.3299, -58.7678

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.



53.3730, 14.1131, -46.8081



48.9900, 12.3299, 58.7678



42.0190, -19.2364, -36.8507

Square

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



48.9900, 12.3299, 58.7678



56.5260, -27.8673, 24.9717



48.5680, -1.7590, -42.5941



54.8500, 37.5419, -48.1034

Rectangle

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



48.9900, 12.3299, 58.7678



51.5310, -18.5028, 54.7853



48.5680, -1.7590, -42.5941



55.4080, 24.4489, -48.5928

Sweetspot

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



48.9900, 12.3299, 58.7678



124.6960, 4.5869, 22.1916



34.3430, 40.2569, 14.6082



61.1850, 2.8668, 13.8698



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



48.9900, 12.3299, 58.7678



55.2240, 17.6376, 83.1186



43.0620, -10.3836, 63.9666



55.1360, 0.4260, 3.3887



44.9140, 14.3394, 67.6044



91.9640, 29.1047, 138.5976

Inverse Universe

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



48.9900, 12.3299, 58.7678



55.2240, 17.6376, 83.1186



82.9380, 10.3836, -63.9666



55.1360, 0.4260, 3.3887



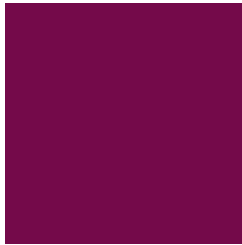
44.9140, 14.3394, 67.6044



91.9640, 29.1047, 138.5976

Previews

White Background



This preview shows how the YUV color 48.9900, 12.3299, 58.7678 looks on a white background.

Color Contrast Check

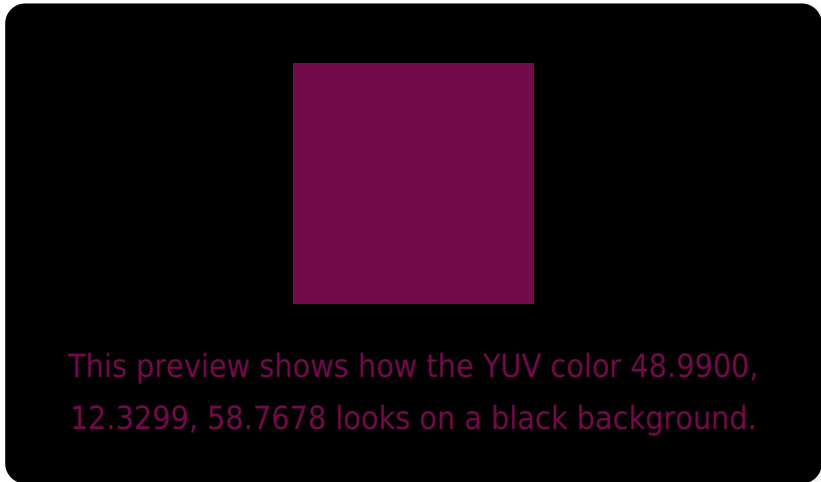
Large Text (above 18pt) WCAG AA ✓ Pass

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

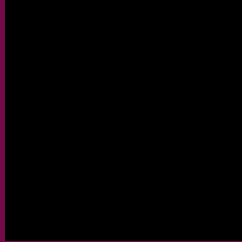
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.9900, 12.3299, 58.7678

Background



This preview shows how black text looks on a background with the YUV color 48.9900, 12.3299, 58.7678.



This preview shows how white text looks on a background with the YUV color 48.9900, 12.3299,

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

48.9900, 12.3299, 58.7678

Protanopia

60.6340, 21.8724, -15.4650

Deuteranopia

62.5210, 3.1941, 2.1741



Tritanopia

54.9310, -11.7980, 50.9265

Trichromacy



Original Color

48.9900, 12.3299, 58.7678

Protanomaly

56.3000, 18.5861, 12.0149

Deuteranomaly

57.8640, 6.4760, 22.9213

Tritanomaly

52.9450, -2.9309, 53.5452

Monochromacy



Original Color

48.9900, 12.3299, 58.7678

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.9840, 4.4449, 21.0620

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.9900, 12.3299, 58.7678 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(116, 10, 74)` looks like.

```
.text, #text, p{  
    color:rgb(116, 10, 74)  
}
```

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(116, 10, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 10, 74) }
```

Border

The CSS property to change the border of an element to YUV 48.9900, 12.3299, 58.7678 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(116, 10, 74) }
```


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

```
.border{ border-color:rgb(116, 10, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 10, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 10, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 10, 74);  
box-shadow:4px 4px 4px 4px rgb(116, 10,  
74) }
```

Background

The CSS property to change the background color of an element to YUV 48.9900, 12.3299, 58.7678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 10, 74) }
```

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

```
.background{ background-color: rgb(116, 10,  
74) }
```

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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