

Converting Colors

YUV(48.8900, -19.6658,
54.4705)

Have a look what the booklet for
YUV(48.8900, -19.6658, 54.4705)
contains.

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Color

**YUV(48.8900, -19.6658,
54.4705)**

Conversions

Conversions Part 1

Format	Color
Hex	6F1909
RGB	111, 25, 9
RGB Percent	44%, 10%, 4%
CMY	0.5647, 0.9020, 0.9647
CMYK	0.00, 0.77, 0.92, 0.56
HSL	9°, 85%, 24%
HSV	9°, 92%, 44%
XYZ	6.9525, 4.0945, 0.6823
YIQ	48.8900, 56.3920, 13.2560

Conversions

Conversions Part 2

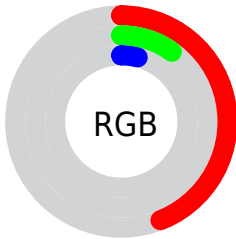
Format	Color
RYB	111, 28, 9
Decimal	7280905
CIELab	23.98, 36.77, 31.59
CIELCh	24, 48.478, 40.661
Yxy	4.0945, 0.5927, 0.3491
Android (android.graphics.Color)	4285470985 (0xFF6F1909)
YUV	48.8900, -19.6658, 54.4705
Hunter-Lab	20.2349, 25.9197, 12.1651

Details

The YUV color **48.8900, -19.6658, 54.4705** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **71.1100, 19.6658, -54.4705**, and the grayscale version is **49.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.1850, -23.7552, 59.4738**, and **16.7440, -8.2548, 34.4275** is the 20% darker color. If you saturate the color by 10%, you get **43.1680, -21.2818, 59.4887**, and if you desaturate by 10%, it is **55.4270, -17.4655, 48.7375**.

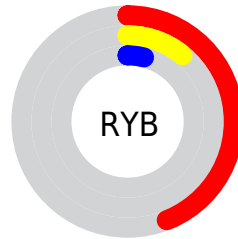
Distribution



Red (44%)

Green (10%)

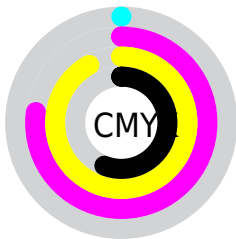
Blue (4%)



Red (44%)

Yellow (11%)

Blue (4%)

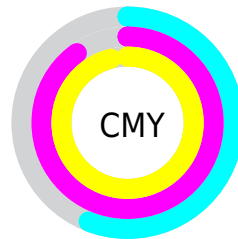


Cyan (0%)

Magenta (77%)

Yellow (92%)

Black (56%)



Cyan (56%)


Magenta (90%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 48.8900, -19.6658, 54.4705 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 48.8900, -19.6658, 54.4705 by changing the saturation by 10% instead.


 48.8900, -19.6658,
54.4705


 48.8900, -19.6658,
54.4705


 252.7200, -8.7360,
1.9996


 24.8170, -12.2348,
51.0265


 101.1850,
-23.7552, 59.4738

 16.7440, -8.2548,
34.4275

 127.5660,
-24.9290, 62.6476

 6.8770, -3.3904,
14.1399

 154.5340,
-26.3923, 65.3067

 0.0000, 0.0000,
0.0000

 181.0070,
-27.1185, 64.8919

 199.8200,
-23.5753, 48.3929

 219.3340,

-19.8847, 31.2791

■ 239.5490,
-16.0467, 13.5505

■ 48.8900, -19.6658,
54.4705

■ 48.8900, -19.6658,
54.4705

■ 43.1680, -21.2818,
59.4887

■ 55.4270, -17.4655,
48.7375

■ 62.5510, -15.5546,
42.4898

■ 69.0880, -13.3544,
36.7568

■ 75.6250, -11.1541,
31.0239

■ 82.7490, -9.2433,
24.7761

■ 89.4000, -6.6062,
18.9432

■ 96.5240, -4.6953,
12.6955

■ 103.0610, -2.4951,
6.9625

■ 109.5980, -0.2948,
1.2296

Harmonies

Analogous

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



40.8250, 2.5513, 68.5595



48.8900, -19.6658, 54.4705



53.9120, -26.5786, 31.6492

Triad

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



48.8900, -19.6658, 54.4705



45.2110, -7.0060, -39.6500



48.8660, 39.9991, -42.8555

Complementary

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



48.8900, -19.6658, 54.4705



71.1100, 19.6658, -54.4705

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.



54.2800, 35.3580, -47.6036



48.8900, -19.6658, 54.4705



50.2440, 9.7397, -44.0640

Square

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



48.8900, -19.6658, 54.4705



43.2160, -21.3055, -26.4994



54.1200, 24.5908, -47.4632



58.1890, 27.0218, 12.9892

Rectangle

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



48.8900, -19.6658, 54.4705



53.8020, -26.5244, 14.2056



54.1200, 24.5908, -47.4632



51.3280, 39.2783, -45.0147

Sweetspot

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



48.8900, -19.6658, 54.4705



120.4820, -7.6326, 21.5023



49.4160, 22.9659, 54.0092



58.8230, -4.8427, 13.3102



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



48.8900, -19.6658, 54.4705



56.8560, -28.0300, 77.3023



78.2400, -34.1353, 28.7305



52.3810, -1.1738, 3.1739



47.0330, -23.1873, 63.9921



96.7460, -47.6958, 131.7728

Inverse Universe

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



71.1100, 19.6658, -54.4705



88.7310, 27.7406, -77.8171



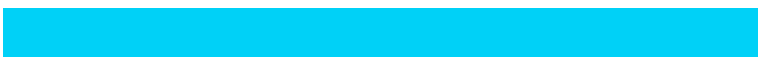
41.7600, 34.1353, -28.7305



53.6190, 1.1738, -3.1739



72.9670, 23.1873, -63.9921



150.8410, 47.4064, -132.2876

Previews

White Background



This preview shows how the YUV color 48.8900, -19.6658, 54.4705 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

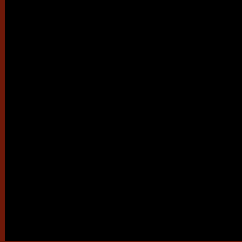
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.8900, -19.6658, 54.4705

Background



This preview shows how black text looks on a background with the YUV color 48.8900, -19.6658, 54.4705.



This preview shows how white text looks on a background with the YUV color 48.8900, -19.6658,

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

48.8900, -19.6658, 54.4705

Protanopia

56.3050, -19.3774, 8.5025

Deuteranopia

54.9980, -27.1140, 16.6648



Tritanopia

50.0130, -12.8244, 53.4856

Trichromacy



Original Color

48.8900, -19.6658, 54.4705

Protanomaly

53.7030, -19.5736, 24.8165

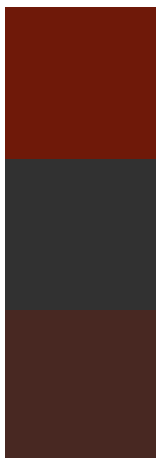
Deuteranomaly

52.7700, -24.5366, 30.0197

Tritanomaly

49.4430, -15.0084, 53.9855

Monochromacy



Original Color

48.8900, -19.6658, 54.4705

Achromatopsia

49.0000, 0.0000, 0.0000

Achromatomaly

48.8840, -7.3378, 20.2727

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.8900, -19.6658, 54.4705 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(111, 25, 9)` looks like.

```
.text, #text, p{  
    color:rgb(111, 25, 9)  
}
```

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(111, 25, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 25, 9) }
```

Border

The CSS property to change the border of an element to YUV 48.8900, -19.6658, 54.4705 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(111, 25, 9) }
```


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

```
.border{ border-color:rgb(111, 25, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 25, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 25, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 25, 9);  
box-shadow:4px 4px 4px 4px rgb(111, 25, 9)  
}
```

Background

The CSS property to change the background color of an element to YUV 48.8900, -19.6658, 54.4705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 25, 9) }
```

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

```
.background{ background-color: rgb(111, 25,  
9) }
```

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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