

# Converting Colors

YUV(61.8360, -24.5691,  
40.4858)

Have a look what the booklet for  
YUV(61.8360, -24.5691, 40.4858)  
contains.

|  |    |
|--|----|
| <b>YUV(61.8360, -24.5691, 40.4858)</b> .....   | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 12 |
| <b><i>Previews</i></b> .....                   | 24 |
| <b><i>Color Blindness Simulation</i></b> ..... | 28 |
| <b><i>CSS Examples</i></b> .....               | 31 |

# Color

**YUV(61.8360, -24.5691,  
40.4858)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>             |
|---------------|--------------------------|
| Hex           | 6C300C                   |
| RGB           | 108, 48, 12              |
| RGB Percent   | 42%, 19%, 5%             |
| CMY           | 0.5765, 0.8118, 0.9529   |
| CMYK          | 0.00, 0.56, 0.89, 0.58   |
| HSL           | 22°, 80%, 24%            |
| HSV           | 22°, 89%, 42%            |
| XYZ           | 7.3077, 5.3286, 0.9912   |
| YIQ           | 61.8360, 47.3160, 1.5240 |

# Conversions

## Conversions Part 2

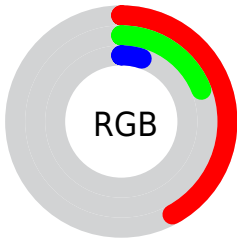
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 108, 70, 12                   |
| Decimal                             | 7090188                       |
| CIE <sub>Lab</sub>                  | 27.65, 24.46, 33.50           |
| CIE <sub>LCh</sub>                  | 28, 41.479, 53.867            |
| Yxy                                 | 5.3286, 0.5362,<br>0.3910     |
| Android<br>(android.graphics.Color) | 4285280268<br>(0xFF6C300C)    |
| YUV                                 | 61.8360, -24.5691,<br>40.4858 |
| Hunter-Lab                          | 23.0837, 16.1114,<br>13.6128  |

# Details

The YUV color **61.8360, -24.5691, 40.4858** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **58.1640, 24.5691, -40.4858**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.8860, -27.0588, 45.7040**, and **17.9070, -8.8282, 31.6536** is the 20% darker color. If you saturate the color by 10%, you get **56.4730, -27.3482, 45.1892**, and if you desaturate by 10%, it is **67.1990, -21.7901, 35.7825**.

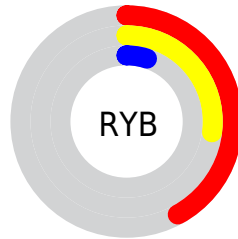
# Distribution



Red (42%)

Green (19%)

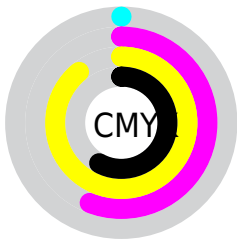
Blue (5%)



Red (42%)

Yellow (27%)

Blue (5%)

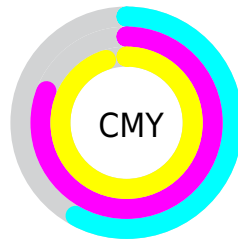


Cyan (0%)

Magenta (56%)

Yellow (89%)

Black (58%)



Cyan (58%)

Magenta (81%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 61.8360, -24.5691, 40.4858 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 61.8360, -24.5691, 40.4858 by changing the saturation by 10% instead.



61.8360, -24.5691,  
40.4858

61.8360, -24.5691,  
40.4858

253.4040, -6.1152,  
1.3997

38.8940, -19.1747,  
36.9270

111.8860,  
-27.0588, 45.7040

17.9070, -8.8282,  
31.6536

137.9680,  
-28.0852, 48.2631

8.4860, -3.6906,  
17.1138

165.0500,  
-29.1117, 50.8221

0.0000, 0.0000,  
0.0000

192.7190,  
-30.4275, 52.8664

212.1300,  
-27.1791, 37.5970

231.7580,

-23.0517, 20.3832

■ 250.0980,  
-18.7823, 4.2991

■ 61.8360, -24.5691,  
40.4858

■ 61.8360, -24.5691,  
40.4858

■ 56.4730, -27.3482,  
45.1892

■ 67.1990, -21.7901,  
35.7825

■ 56.3590, -27.7850,  
45.2892

■ 71.9750, -18.7217,  
31.5939

■ 77.2240, -16.3794,  
26.9906

■ 82.5870, -13.6004,  
22.2872

■ 87.9500, -10.8214,  
17.5838

■ 93.3130, -8.0423,  
12.8805

■ 98.0890, -4.9739,  
8.6919

■ 103.3380, -2.6316,  
4.0886

■ 108.7010, 0.1474,  
-0.6148

# Harmonies

## Analogous

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



60.6260, -9.1826, 52.0710



61.8360, -24.5691, 40.4858



61.8090, -30.4718, 20.3385

# Triad

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



61.8360, -24.5691, 40.4858



52.8710, 2.0356, -46.3679



64.3060, 29.4291, -12.5464

# Complementary

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



61.8360, -24.5691, 40.4858



58.1640, 24.5691, -40.4858

# 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.



56.3830, 35.8002, -49.4479



61.8360, -24.5691, 40.4858



57.2200, 16.1605, -50.1819

# Square

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



61.8360, -24.5691, 40.4858



48.3480, -11.5106, -41.5242



58.4230, 28.3855, -51.2370



66.5730, 17.9585, 26.6845



# Rectangle

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



61.8360, -24.5691, 40.4858



59.6500, -29.4074, 5.5690



58.4230, 28.3855, -51.2370



56.9440, 35.0306, -35.9079

# Sweetspot

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



61.8360, -24.5691, 40.4858



122.1670, -9.9423, 15.6395



47.6580, 12.4936, 52.9199



60.2740, -5.5581, 9.4067



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.



61.8360, -24.5691, 40.4858



72.9710, -35.9747, 58.7844



89.4250, -38.1705, 16.2903



50.9680, -1.4632, 2.6591



60.8110, -29.9798, 49.2778



127.2590, -62.7387, 103.2589



# Inverse Universe

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



58.1640, 24.5691, -40.4858



67.6160, 35.6853, -59.2992



30.5750, 38.1705, -16.2903



51.0320, 1.4632, -2.6591



56.1890, 29.9798, -49.2778

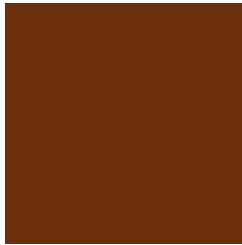


117.7410, 62.7387, -103.2589



# Previews

## White Background



This preview shows how the YUV color 61.8360, -24.5691, 40.4858 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

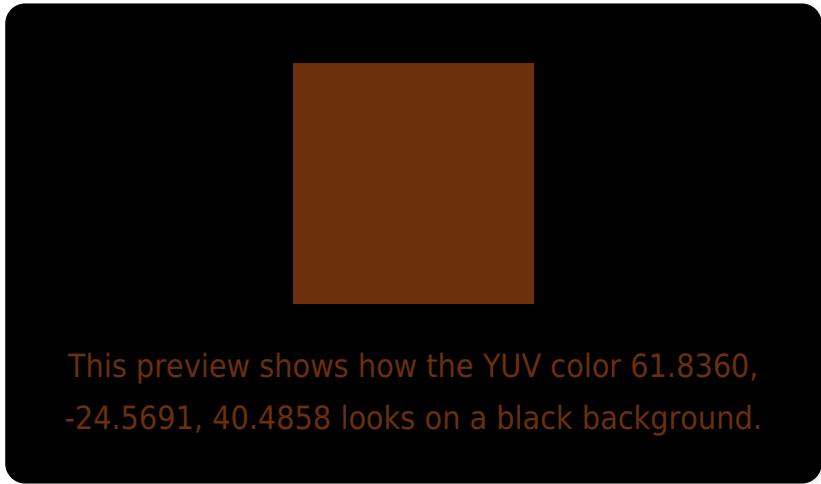
Any Text WCAG AA ✓ Pass

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 61.8360, -24.5691, 40.4858

## Background



This preview shows how black text looks on a background with the YUV color 61.8360, -24.5691, 40.4858.



This preview shows how white text looks on a background with the YUV color 61.8360, -24.5691,

40.4858.

# 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

61.8360, -24.5691, 40.4858

### Protanopia

62.8060, -22.5824, 9.8171

### Deuteranopia

62.0970, -30.6138, 19.2089



## Tritanopia

64.4780, -8.1237, 39.0458

# Trichromacy



## Original Color

61.8360, -24.5691, 40.4858

## Protanomaly

62.0570, -23.1991, 20.9980

## Deuteranomaly

62.3090, -28.7463, 26.9160

## Tritanomaly

63.5830, -14.0914, 39.8307

# Monochromacy



## Original Color

61.8360, -24.5691, 40.4858

## Achromatopsia

62.0000, 0.0000, 0.0000

## Achromatomaly

62.0960, -8.9213, 14.8248

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 61.8360, -24.5691, 40.4858 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(108, 48, 12)` looks like.

```
.text, #text, p{  
    color:rgb(108, 48, 12)  
}
```

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(108, 48, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 48, 12) }
```

## Border

The CSS property to change the border of an element to YUV 61.8360, -24.5691, 40.4858 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(108, 48, 12) }
```



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

```
.border{ border-color:rgb(108, 48, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 48, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 48, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 48, 12);  
box-shadow:4px 4px 4px 4px rgb(108, 48,  
12) }
```

# Background

The CSS property to change the background color of an element to YUV 61.8360, -24.5691, 40.4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 48, 12) }
```

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

```
.background{ background-color: rgb(108, 48,  
12) }
```

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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