

# Converting Colors

YUV(59.2450, -28.2218,  
45.3891)

Have a look what the booklet for  
YUV(59.2450, -28.2218, 45.3891)  
contains.

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# Color

**YUV(59.2450, -28.2218,  
45.3891)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6F2C02
RGB	111, 44, 2
RGB Percent	44%, 17%, 1%
CMY	0.5647, 0.8275, 0.9922
CMYK	0.00, 0.60, 0.98, 0.56
HSL	23°, 96%, 22%
HSV	23°, 98%, 44%
XYZ	7.4672, 5.1853, 0.6647
YIQ	59.2450, 53.4140, 1.1420

# Conversions

## Conversions Part 2

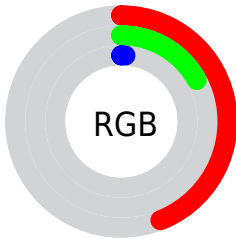
<b>Format</b>	<b>Color</b>
<b>RYB</b>	111, 70, 2
Decimal	7285762
CIELab	27.26, 27.70, 37.49
CIELCh	27, 46.608, 53.541
Yxy	5.1853, 0.5607, 0.3894
Android (android.graphics.Color)	4285475842 (0xFF6F2C02)
YUV	59.2450, -28.2218, 45.3891
Hunter-Lab	22.7712, 18.6847, 14.2090

# Details

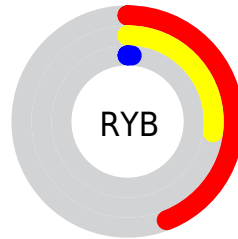
The YUV color **59.2450, -28.2218, 45.3891** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **53.7550, 28.2218, -45.3891**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.8220, -29.9852, 51.0221**, and **16.7440, -8.2548, 34.4275** is the 20% darker color. If you saturate the color by 10%, you get **58.4300, -28.8060, 46.1039**, and if you desaturate by 10%, it is **64.6080, -25.4427, 40.6858**.

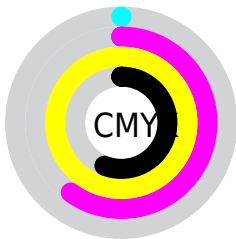
# Distribution



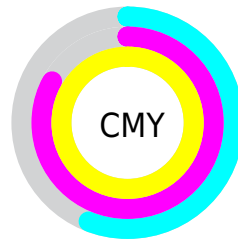
- Red (44%)
- Green (17%)
- Blue (1%)



- Red (44%)
- Yellow (27%)
- Blue (1%)



- Cyan (0%)
- Magenta (60%)
- Yellow (98%)
- Black (56%)



- Cyan (56%)
- Magenta (83%)
- Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 59.2450, -28.2218, 45.3891 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 59.2450, -28.2218, 45.3891 by changing the saturation by 10% instead.



■ 59.2450, -28.2218,  
45.3891

■ 59.2450, -28.2218,  
45.3891

■ 252.3780,  
-10.0464, 2.2995

■ 37.1440, -18.3120,  
40.2157

■ 109.8220,  
-29.9852, 51.0221

■ 16.7440, -8.2548,  
34.4275

■ 136.2030,  
-31.1591, 54.1960

■ 8.7850, -3.8380,  
17.7286

■ 163.1710,  
-32.6223, 56.8550

■ 0.0000, 0.0000,  
0.0000


■ 190.0570,  
-33.0591, 56.9550


■ 208.8700,  
-29.5159, 40.4560


■ 228.3840,


-25.8253, 23.3422


 248.5990,  
-21.9873, 5.6137


 59.2450, -28.2218,  
45.3891


 59.2450, -28.2218,  
45.3891


 58.4300, -28.8060,  
46.1039

 64.6080, -25.4427,  
40.6858

 69.9710, -22.6637,  
35.9824

 74.7470, -19.5953,  
31.7939

 80.1100, -16.8162,  
27.0905

 85.5870, -13.6004,  
22.2872

■ 90.9500, -10.8214,  
17.5838

■ 96.3130, -8.0423,  
12.8805

■ 101.6760, -5.2633,  
8.1771

■ 106.4520, -2.1948,  
3.9886

# Harmonies

## Analogous

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



56.3820, -9.0623, 60.1780



59.2450, -28.2218, 45.3891



60.9340, -30.0405, 21.9829

# Triad

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



59.2450, -28.2218, 45.3891



52.6430, 1.1620, -46.1679



61.5380, 34.2448, -17.1348

# Complementary

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



59.2450, -28.2218, 45.3891



53.7550, 28.2218, -45.3891

# 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.



57.1810, 38.8578, -50.1477



59.2450, -28.2218, 45.3891



57.4480, 17.0341, -50.3819

# Square

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



59.2450, -28.2218, 45.3891



47.1370, -14.8575, -41.3391



59.6940, 30.7169, -52.3516



64.6920, 20.8578, 30.0881



# Rectangle

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



59.2450, -28.2218, 45.3891



59.3510, -29.2600, 4.9542



59.6940, 30.7169, -52.3516



52.3710, 40.7361, -45.9294

# Sweetspot

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



59.2450, -28.2218, 45.3891



124.9500, -10.8214, 17.5838



42.2290, 13.1981, 60.3122



61.6440, -6.7265, 10.8362



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.



59.2450, -28.2218, 45.3891



76.2270, -37.5799, 60.3139



90.9430, -43.8489, 17.5900



53.5550, -1.7526, 2.1443



62.8820, -31.0008, 50.0925



129.6180, -63.9017, 102.9440



# Inverse Universe

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



53.7550, 28.2218, -45.3891



68.7730, 37.5799, -60.3139



22.0570, 43.8489, -17.5900



53.0320, 1.4632, -2.6591



57.1180, 31.0008, -50.0925



117.3820, 63.9017, -102.9440



# Previews

## White Background



This preview shows how the YUV color 59.2450, -28.2218, 45.3891 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

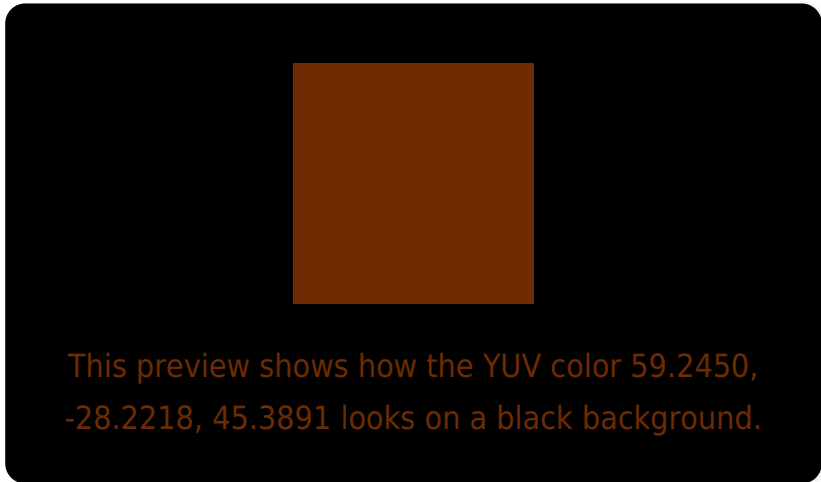
Any Text WCAG AA ✓ Pass

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

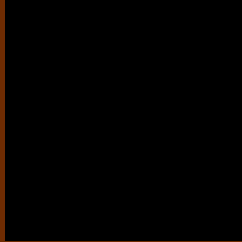
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 59.2450, -28.2218, 45.3891

## Background



This preview shows how black text looks on a background with the YUV color 59.2450, -28.2218, 45.3891.



This preview shows how white text looks on a background with the YUV color 59.2450, -28.2218,



# 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

59.2450, -28.2218, 45.3891

### Protanopia

62.1220, -25.2031, 10.4170

### Deuteranopia

61.2110, -30.1770, 19.1090



## Tritanopia

62.4570, -9.5923, 43.4492

# Trichromacy



## Original Color

59.2450, -28.2218, 45.3891

## Protanomaly

60.9710, -26.1147, 22.8274

## Deuteranomaly

60.2060, -29.1886, 28.7603

## Tritanomaly

61.3340, -16.4337, 44.4341

# Monochromacy



## Original Color

59.2450, -28.2218, 45.3891

## Achromatopsia

59.0000, 0.0000, 0.0000

## Achromatomaly

59.3520, -10.5265, 16.3543

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 59.2450, -28.2218, 45.3891 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, 44, 2)` looks like.

```
.text, #text, p{  
    color:rgb(111, 44, 2)  
}
```

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, 44, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 44, 2) }
```

## Border

The CSS property to change the border of an element to YUV 59.2450, -28.2218, 45.3891 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, 44, 2) }
```



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

```
.border{ border-color:rgb(111, 44, 2) }
```

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

Here you see how a box with a 4 pixel rgb(111, 44, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 44, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 44, 2);  
box-shadow:4px 4px 4px 4px rgb(111, 44, 2)  
}
```

# Background

The CSS property to change the background color of an element to YUV 59.2450, -28.2218, 45.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 44, 2) }
```

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

```
.background{ background-color: rgb(111, 44,  
2) }
```

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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