

# Converting Colors

YUV(71.6480, -16.0955,  
29.2497)

Have a look what the booklet for  
YUV(71.6480, -16.0955, 29.2497)  
contains.

<b>YUV(71.6480, -16.0955, 29.2497)</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(71.6480, -16.0955,  
29.2497)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693D27
RGB	105, 61, 39
RGB Percent	41%, 24%, 15%
CMY	0.5882, 0.7608, 0.8471
CMYK	0.00, 0.42, 0.63, 0.59
HSL	20°, 46%, 28%
HSV	20°, 63%, 41%
XYZ	7.8607, 6.4872, 2.7573
YIQ	71.6480, 33.2860, 2.4860

# Conversions

## Conversions Part 2

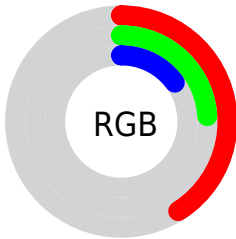
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 72, 39
Decimal	6896935
CIE <sub>Lab</sub>	30.61, 16.94, 21.63
CIE <sub>LCh</sub>	31, 27.473, 51.936
Yxy	6.4872, 0.4595, 0.3793
Android (android.graphics.Color)	4285087015 (0xFF693D27)
YUV	71.6480, -16.0955, 29.2497
Hunter-Lab	25.4700, 10.5167, 11.4105

# Details

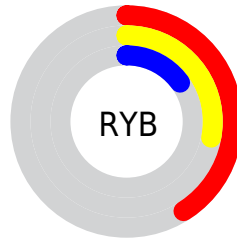
The YUV color **71.6480, -16.0955, 29.2497** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **72.3520, 16.0955, -29.2497**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.2140, -17.8535, 33.1383**, and **27.0110, -13.3164, 24.5464** is the 20% darker color. If you saturate the color by 10%, you get **66.2850, -18.8745, 33.9531**, and if you desaturate by 10%, it is **76.8970, -13.7532, 24.6463**.

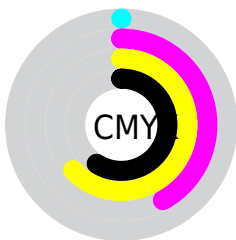
# Distribution



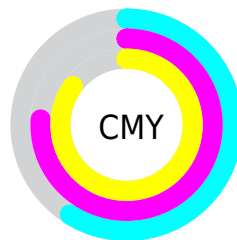
- Red (41%)
- Green (24%)
- Blue (15%)



- Red (41%)
- Yellow (28%)
- Blue (15%)



- Cyan (0%)
- Magenta (42%)
- Yellow (63%)
- Black (59%)



- Cyan (59%)
- Magenta (76%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 71.6480, -16.0955, 29.2497 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 71.6480, -16.0955, 29.2497 by changing the saturation by 10% instead.



71.6480, -16.0955,  
29.2497

71.6480, -16.0955,  
29.2497

255.0000, 0.0000,  
0.0000

48.5660, -15.0690,  
26.6906

121.2140,  
-17.8535, 33.1383

27.0110, -13.3164,  
24.5464

146.9970,  
-18.7325, 35.0826

9.5680, -4.7170,  
19.6729

174.3670,  
-19.9009, 36.5121

0.0000, 0.0000,  
0.0000

201.9650,  
-20.1957, 37.7417

224.4690,  
-17.9792, 26.7757

243.9830,

-14.2886, 9.6619

253.7460, -4.8048,  
1.0998

71.6480, -16.0955,  
29.2497

71.6480, -16.0955,  
29.2497

66.2850, -18.8745,  
33.9531

76.8970, -13.7532,  
24.6463

61.0360, -21.2167,  
38.5564

82.2600, -10.9742,  
19.9430

55.6730, -23.9958,  
43.2598

87.6230, -8.1951,  
15.2396

51.9400, -25.6064,  
46.5336

92.8720, -5.8529,  
10.6363

98.2350, -3.0739,  
5.9329

■ 103.4840, -0.7316,  
1.3295

■ 108.8470, 2.0474,  
-3.3738

■ 114.0960, 4.3897,  
-7.9772

■ 119.3450, 6.7319,  
-12.5806

# Harmonies

## Analogous

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



72.2710, -7.5286, 34.8423



71.6480, -16.0955, 29.2497



70.7190, -20.5675, 16.9094

# Triad

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



71.6480, -16.0955, 29.2497



56.1310, 4.3724, -49.2269



72.4070, 19.5193, -7.3729

# Complementary

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



71.6480, -16.0955, 29.2497



72.3520, 16.0955, -29.2497

# 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.



61.7940, 25.7376, -41.9153



71.6480, -16.0955, 29.2497



58.6390, 13.9820, -51.4264

# Square

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



71.6480, -16.0955, 29.2497



65.2460, -9.9813, -18.6327



59.5170, 22.4231, -52.1964



74.3130, 12.1707, 16.3885



# Rectangle

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



71.6480, -16.0955, 29.2497



69.3540, -20.3875, 5.8285



59.5170, 22.4231, -52.1964



70.2210, 21.5830, -15.9798

# Sweetspot

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



71.6480, -16.0955, 29.2497



124.4700, -6.1477, 11.8658



63.7500, 9.4902, 36.1763



60.7190, -3.8055, 7.2624



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



71.6480, -16.0955, 29.2497



85.6410, -25.4590, 45.9188



91.0190, -25.6454, 12.2613



50.9680, -1.4632, 2.6591



57.8760, -28.5329, 51.8517



121.3890, -59.8448, 108.4068



# Inverse Universe

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



72.3520, 16.0955, -29.2497



86.3590, 25.4590, -45.9188



52.9810, 25.6454, -12.2613



51.0320, 1.4632, -2.6591



59.1240, 28.5329, -51.8517



123.6110, 59.8448, -108.4068



# Previews

## White Background



This preview shows how the YUV color 71.6480, -16.0955, 29.2497 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



This preview shows how the YUV color 71.6480, -16.0955, 29.2497 looks on a 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 71.6480, -16.0955, 29.2497

## Background



This preview shows how black text looks on a background with the YUV color 71.6480, -16.0955, 29.2497.



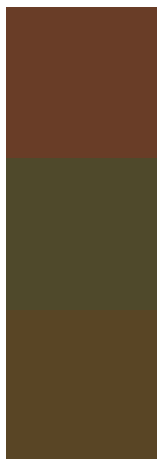
This preview shows how white text looks on a background with the YUV color 71.6480, -16.0955,



# 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

71.6480, -16.0955, 29.2497

### Protanopia

71.3740, -13.9884, 6.6880

### Deuteranopia

71.3320, -16.9257, 15.4948



## Tritanopia

72.8080, -5.3283, 29.1094

# Trichromacy



## Original Color

71.6480, -16.0955, 29.2497

## Protanomaly

71.6030, -14.5943, 14.3802

## Deuteranomaly

71.4790, -16.5051, 20.6279

## Tritanomaly

72.4830, -9.1121, 29.3944

# Monochromacy



## Original Color

71.6480, -16.0955, 29.2497

## Achromatopsia

72.0000, 0.0000, 0.0000

## Achromatomaly

71.8720, -5.8529, 10.6363

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 71.6480, -16.0955, 29.2497 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(105, 61, 39)` looks like.

```
.text, #text, p{  
    color:rgb(105, 61, 39)  
}
```

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(105, 61, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 61, 39) }
```

## Border

The CSS property to change the border of an element to YUV 71.6480, -16.0955, 29.2497 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(105, 61, 39) }
```



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

```
.border{ border-color:rgb(105, 61, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 61, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 61, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 61, 39);  
box-shadow:4px 4px 4px 4px rgb(105, 61,  
39) }
```

# Background

The CSS property to change the background color of an element to YUV 71.6480, -16.0955, 29.2497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 61, 39) }
```

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

```
.background{ background-color: rgb(105, 61,  
39) }
```

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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