

# Converting Colors

YUV(72.6910, -14.6377,  
28.3350)

Have a look what the booklet for  
YUV(72.6910, -14.6377, 28.3350)  
contains.

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# Color

**YUV(72.6910, -14.6377,  
28.3350)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	693E2B
RGB	105, 62, 43
RGB Percent	41%, 24%, 17%
CMY	0.5882, 0.7569, 0.8314
CMYK	0.00, 0.41, 0.59, 0.59
HSL	18°, 42%, 29%
HSV	18°, 59%, 41%
XYZ	7.9844, 6.6229, 3.1430
YIQ	72.6910, 31.7270, 3.2070

# Conversions

## Conversions Part 2

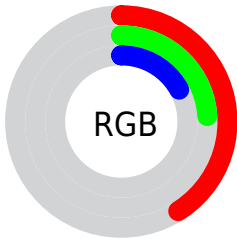
Format	Color
<a href="#">RYB</a>	105, 70, 43
Decimal	6897195
CIELab	30.93, 16.68, 19.57
CIELCh	31, 25.714, 49.546
Yxy	6.6229, 0.4498, 0.3731
Android (android.graphics.Color)	4285087275 (0xFF693E2B)
YUV	72.6910, -14.6377, 28.3350
Hunter-Lab	25.7350, 10.3438, 10.7734

# Details

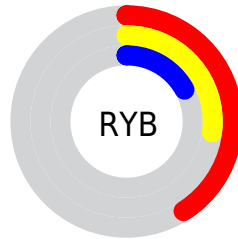
The YUV color **72.6910, -14.6377, 28.3350** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **75.3090, 14.6377, -28.3350**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **122.2570, -16.3957, 32.2236**, and **27.0110, -13.3164, 24.5464** is the 20% darker color. If you saturate the color by 10%, you get **67.4420, -16.9799, 32.9384**, and if you desaturate by 10%, it is **78.0540, -11.8586, 23.6316**.

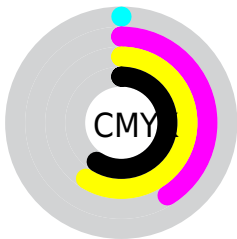
# Distribution



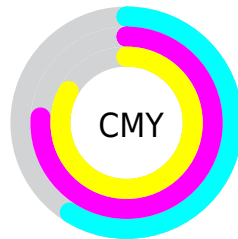
- Red (41%)
- Green (24%)
- Blue (17%)



- Red (41%)
- Yellow (27%)
- Blue (17%)



- Cyan (0%)
- Magenta (41%)
- Yellow (59%)
- Black (59%)



- Cyan (59%)
- Magenta (76%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 72.6910, -14.6377, 28.3350 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 72.6910, -14.6377, 28.3350 by changing the saturation by 10% instead.



■ 72.6910, -14.6377,  
28.3350

■ 72.6910, -14.6377,  
28.3350

■ 255.0000, 0.0000,  
0.0000

■ 49.6090, -13.6112,  
25.7759

■ 122.2570,  
-16.3957, 32.2236

■ 27.0110, -13.3164,  
24.5464

■ 148.0400,  
-17.2747, 34.1679

■ 9.5680, -4.7170,  
19.6729

■ 175.2250,  
-17.8589, 34.8827

■ 0.0000, 0.0000,  
0.0000

■ 202.7090,  
-18.5905, 36.2122

■ 225.6260,  
-16.0846, 25.7610

■ 245.1400,

-12.3940, 8.6472

254.3160, -2.6208,  
0.5999

72.6910, -14.6377,  
28.3350

72.6910, -14.6377,  
28.3350

67.4420, -16.9799,  
32.9384

78.0540, -11.8586,  
23.6316

61.4920, -19.4696,  
38.1565

83.8900, -9.8058,  
18.5135

56.2430, -21.8118,  
42.7599

89.2530, -7.0267,  
13.8101

50.8800, -24.5908,  
47.4632

94.5020, -4.6845,  
9.2067

50.1790, -24.7382,  
48.0780

99.8650, -1.9054,  
4.5034

■ 105.7010, 0.1474,  
-0.6148

■ 111.0640, 2.9264,  
-5.3181

■ 116.3130, 5.2687,  
-9.9215

■ 122.2630, 7.7583,  
-15.1397

# Harmonies

## Analogous

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



73.4880, -6.6496, 32.8980



72.6910, -14.6377, 28.3350



71.4740, -18.9677, 17.1243

# Triad

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



72.6910, -14.6377, 28.3350



60.6160, 2.1613, -40.0052



72.5810, 18.9406, -8.4025

# Complementary

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



72.6910, -14.6377, 28.3350



75.3090, 14.6377, -28.3350

# 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.



63.9470, 23.6901, -38.5415



72.6910, -14.6377, 28.3350



58.5250, 13.5452, -51.3264

# Square

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



72.6910, -14.6377, 28.3350



66.8550, -10.2815, -15.6588



59.2890, 21.5495, -51.9965



75.4760, 11.5973, 13.6145



# Rectangle

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



72.6910, -14.6377, 28.3350



70.7070, -19.0826, 7.2730



59.2890, 21.5495, -51.9965



71.1670, 20.1307, -16.8095

# Sweetspot

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



72.6910, -14.6377, 28.3350



125.1710, -6.0003, 11.2510



66.4400, 9.6431, 33.8171



60.8330, -3.3687, 7.1625



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.



72.6910, -14.6377, 28.3350



86.9120, -23.1276, 44.8042



90.8880, -23.6088, 12.3762



50.9680, -1.4632, 2.6591



56.1150, -27.6647, 53.3961



117.2800, -57.8190, 112.0104



# Inverse Universe

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



75.3090, 14.6377, -28.3350



91.0880, 23.1276, -44.8042



57.1120, 23.6088, -12.3762



51.0320, 1.4632, -2.6591



60.8850, 27.6647, -53.3961



127.7200, 57.8190, -112.0104



# Previews

## White Background



This preview shows how the YUV color 72.6910, -14.6377, 28.3350 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 72.6910, -14.6377, 28.3350 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

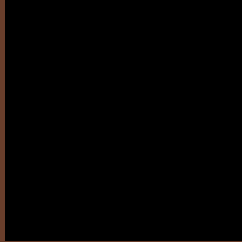
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 72.6910, -14.6377, 28.3350

## Background



This preview shows how black text looks on a background with the YUV color 72.6910, -14.6377, 28.3350.



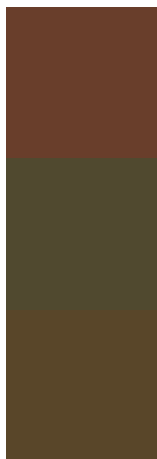
This preview shows how white text looks on a background with the YUV color 72.6910, -14.6377,



# 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

72.6910, -14.6377, 28.3350

### Protanopia

72.1290, -12.3886, 6.9029

### Deuteranopia

72.3750, -15.4679, 14.5801



## Tritanopia

73.6230, -4.7441, 28.3946

# Trichromacy



## Original Color

72.6910, -14.6377, 28.3350

## Protanomaly

72.3580, -12.9945, 14.5950

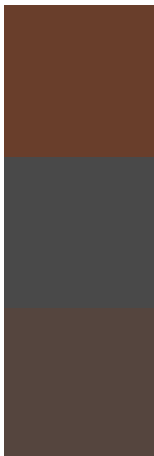
## Deuteranomaly

72.5220, -15.0473, 19.7132

## Tritanomaly

73.2980, -8.5279, 28.6797

# Monochromacy



## Original Color

72.6910, -14.6377, 28.3350

## Achromatopsia

73.0000, 0.0000, 0.0000

## Achromatomaly

72.9860, -5.4161, 10.5363

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 72.6910, -14.6377, 28.3350 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, 62, 43)` looks like.

```
.text, #text, p{  
    color:rgb(105, 62, 43)  
}
```

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, 62, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 62, 43) }
```

## Border

The CSS property to change the border of an element to YUV 72.6910, -14.6377, 28.3350 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, 62, 43) }
```



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

```
.border{ border-color:rgb(105, 62, 43) }
```

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

Here you see how a box with a 4 pixel rgb(105, 62, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 62, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 62, 43);  
box-shadow:4px 4px 4px 4px rgb(105, 62,  
43) }
```

# Background

The CSS property to change the background color of an element to YUV 72.6910, -14.6377, 28.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 62, 43) }
```

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

```
.background{ background-color: rgb(105, 62,  
43) }
```

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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