

# Converting Colors

YUV(74.0430, -28.6152,  
31.5343)

Have a look what the booklet for  
YUV(74.0430, -28.6152, 31.5343)  
contains.

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# Color

**YUV(74.0430, -28.6152,  
31.5343)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6E4310
RGB	110, 67, 16
RGB Percent	43%, 26%, 6%
CMY	0.5686, 0.7373, 0.9373
CMYK	0.00, 0.39, 0.85, 0.57
HSL	33°, 75%, 25%
HSV	33°, 85%, 43%
XYZ	8.5311, 7.3667, 1.4625
YIQ	74.0430, 41.9990, -6.7450

# Conversions

## Conversions Part 2

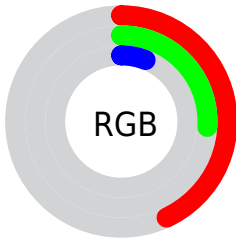
<b>Format</b>	<b>Color</b>
<b>RYB</b>	95, 110, 16
Decimal	7226128
CIELab	32.63, 14.27, 36.30
CIElCh	33, 39.002, 68.544
Yxy	7.3667, 0.4914, 0.4243
Android (android.graphics.Color)	4285416208 (0xFF6E4310)
YUV	74.0430, -28.6152, 31.5343
Hunter-Lab	27.1417, 8.6076, 15.8044

# Details

The YUV color **74.0430, -28.6152, 31.5343** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **51.9570, 28.6152, -31.5343**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3210, -30.2313, 36.5525**, and **31.1310, -15.3476, 22.6871** is the 20% darker color. If you saturate the color by 10%, you get **69.8540, -31.9730, 35.2080**, and if you desaturate by 10%, it is **78.2320, -25.2574, 27.8605**.

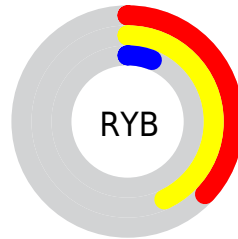
# Distribution



Red (43%)

Green (26%)

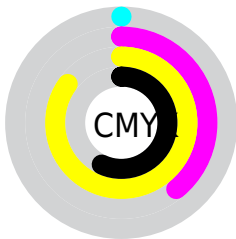
Blue (6%)



Red (37%)

Yellow (43%)

Blue (6%)

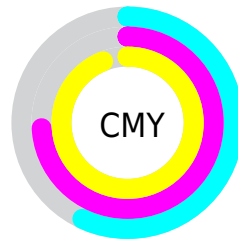


Cyan (0%)

Magenta (39%)

Yellow (85%)

Black (57%)



Cyan (57%)

Magenta (74%)


Yellow (94%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 74.0430, -28.6152, 31.5343 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 74.0430, -28.6152, 31.5343 by changing the saturation by 10% instead.





 74.0430, -28.6152,  
31.5343


 74.0430, -28.6152,  
31.5343


 254.3160, -2.6208,  
0.5999

 51.5310, -25.4048,  
28.4753

 124.3210,  
-30.2313, 36.5525


 31.1310, -15.3476,  
22.6871


 150.6910,  
-31.3997, 37.9820

 10.1660, -5.0118,  
20.9024

 177.4740,  
-32.2787, 39.9263


 0.0000, 0.0000,  
0.0000


 205.2570,  
-33.1577, 41.8706


 225.3690,  
-29.7619, 25.9864


 245.4700,


-26.3607, 8.3578


 251.0100,  
-15.2879, 3.4992


 74.0430, -28.6152,  
31.5343


 74.0430, -28.6152,  
31.5343


 69.8540, -31.9730,  
35.2080


 78.2320, -25.2574,  
27.8605

 68.1100, -33.5782,  
36.7375

 82.4210, -21.8996,  
24.1868

 86.6100, -18.5417,  
20.5130

 90.7990, -15.1839,  
16.8393

 94.9880, -11.8261,  
13.1655

■ 99.1770, -8.4683,  
9.4918

■ 103.3660, -5.1104,  
5.8180

■ 107.5550, -1.7526,  
2.1443

■ 111.7440, 1.6052,  
-1.5295

# Harmonies

## Analogous

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



74.2310, -16.8759, 46.2784



74.0430, -28.6152, 31.5343



71.5860, -32.3339, 10.8871

# Triad

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



74.0430, -28.6152, 31.5343



63.1070, 10.7932, -55.3448



79.0160, 22.6701, 8.7560

# Complementary

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



74.0430, -28.6152, 31.5343



51.9570, 28.6152, -31.5343

# 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.



67.8080, 34.6047, -39.2966



74.0430, -28.6152, 31.5343



65.8260, 23.7498, -57.7294

# Square

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



74.0430, -28.6152, 31.5343



58.8720, -2.8949, -51.6307



65.7580, 33.6433, -57.6698



77.8040, 10.9426, 37.0059



# Rectangle

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



74.0430, -28.6152, 31.5343



69.4960, -25.8805, -5.6970



65.7580, 33.6433, -57.6698



77.5630, 26.3444, -3.1248

# Sweetspot

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



74.0430, -28.6152, 31.5343



128.8030, -11.2419, 12.4508



49.1220, 5.3629, 53.3900



62.6220, -6.7156, 7.3475



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.



74.0430, -28.6152, 31.5343



87.9560, -43.3623, 48.2736



98.3870, -40.6168, 7.5536



54.1420, -2.0420, 1.6295



74.0350, -36.4993, 40.3113



152.5110, -75.1879, 82.8669



# Inverse Universe

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



51.9570, 28.6152, -31.5343



54.4570, 43.6517, -47.7588



27.6130, 40.6168, -7.5536



52.4450, 1.7526, -2.1443



45.9650, 36.4993, -40.3113

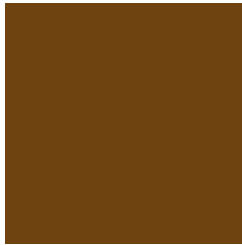


94.4890, 75.1879, -82.8669



# Previews

## White Background



This preview shows how the YUV color 74.0430, -28.6152, 31.5343 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 74.0430, -28.6152, 31.5343 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 74.0430, -28.6152, 31.5343

## Background



This preview shows how black text looks on a background with the YUV color 74.0430, -28.6152, 31.5343.



This preview shows how white text looks on a background with the YUV color 74.0430, -28.6152,



# 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

74.0430, -28.6152, 31.5343

### Protanopia

73.3780, -26.8084, 11.9465

### Deuteranopia

73.5210, -30.3299, 21.4681



## Tritanopia

77.5200, -5.1864, 30.2390

# Trichromacy



## Original Color

74.0430, -28.6152, 31.5343

## Protanomaly

73.3080, -27.2668, 19.0239

## Deuteranomaly

73.6570, -29.9039, 24.8568

## Tritanomaly

76.2290, -13.9169, 30.4942

# Monochromacy



## Original Color

74.0430, -28.6152, 31.5343

## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

73.7320, -10.2209, 11.6360

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.0430, -28.6152, 31.5343 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(110, 67, 16)` looks like.

```
.text, #text, p{  
    color:rgb(110, 67, 16)  
}
```

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(110, 67, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 67, 16) }
```

## Border

The CSS property to change the border of an element to YUV 74.0430, -28.6152, 31.5343 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(110, 67, 16) }
```



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

```
.border{ border-color:rgb(110, 67, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 67, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 67, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 67, 16);  
box-shadow:4px 4px 4px 4px rgb(110, 67,  
16) }
```

# Background

The CSS property to change the background color of an element to YUV 74.0430, -28.6152, 31.5343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 67, 16) }
```

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

```
.background{ background-color: rgb(110, 67,  
16) }
```

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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