

# Converting Colors

YUV(74.4610, 20.9717, -6.5433)

Have a look what the booklet for  
YUV(74.4610, 20.9717, -6.5433)  
contains.

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# Color

**YUV(74.4610, 20.9717,  
-6.5433)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	434675
RGB	67, 70, 117
RGB Percent	26%, 27%, 46%
CMY	0.7373, 0.7255, 0.5412
CMYK	0.43, 0.40, 0.00, 0.54
HSL	236°, 27%, 36%
HSV	236°, 43%, 46%
XYZ	7.7158, 6.8580, 17.7467
YIQ	74.4610, -16.8750, 13.9810

# Conversions

## Conversions Part 2

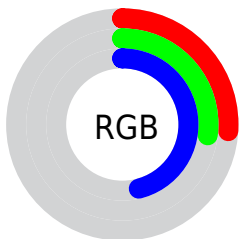
<b>Format</b>	<b>Color</b>
<b>RYB</b>	67, 70, 117
Decimal	4408949
CIELab	31.48, 11.84, -27.38
CIElCh	31, 29.832, 293.374
Yxy	6.8580, 0.2387, 0.2122
Android (android.graphics.Color)	4282599029 (0xFF434675)
YUV	74.4610, 20.9717, -6.5433
Hunter-Lab	26.1877, 6.7636, -21.8478

# Details

The YUV color **74.4610, 20.9717, -6.5433** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **109.5390, -20.9717, 6.5433**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.5150, 22.4241, -5.7137**, and **28.6840, 19.3828, -10.2469** is the 20% darker color. If you saturate the color by 10%, you get **64.4160, 25.9239, -8.2578**, and if you desaturate by 10%, it is **84.5060, 16.0195, -4.8288**.

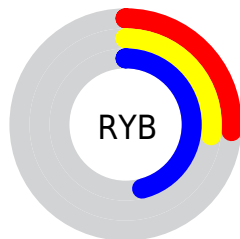
# Distribution



Red (26%)

Green (27%)

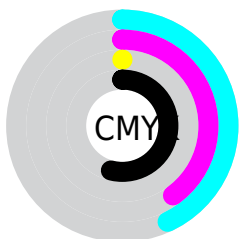
Blue (46%)



Red (26%)

Yellow (27%)

Blue (46%)

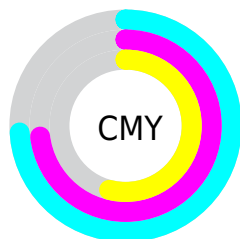


Cyan (43%)

Magenta (40%)

Yellow (0%)

Black (54%)



Cyan (74%)

Magenta (73%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.4610, 20.9717, -6.5433 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 74.4610, 20.9717, -6.5433 by changing the saturation by 10% instead.



■ 74.4610, 20.9717,  
-6.5433

■ 74.4610, 20.9717,  
-6.5433

255.0000, 0.0000,  
0.0000

■ 51.5210, 19.9561,  
-7.4729

■ 123.5150, 22.4241,  
-5.7137

■ 28.6840, 19.3828,  
-10.2469

■ 150.0420, 23.1503,  
-5.2988

■ 5.2440, 20.0927,  
-4.5990

■ 176.5690, 23.8765,  
-4.8840

■ 3.3230, 10.1938,  
-2.9143

■ 203.7970, 24.7501,  
-5.0840

■ 0.0000, 0.0000,  
0.0000

■ 229.0180, 12.8091,  
-1.7698

254.4130, 0.2894,

0.5148

■ 74.4610, 20.9717,  
-6.5433

■ 74.4610, 20.9717,  
-6.5433

■ 64.4160, 25.9239,  
-8.2578

■ 84.5060, 16.0195,  
-4.8288

■ 54.6700, 30.7287,  
-9.3576

■ 94.2520, 11.2148,  
-3.7290

■ 44.6250, 35.6809,  
-11.0721

■ 104.2970, 6.2626,  
-2.0145

■ 34.5800, 40.6331,  
-12.7867

■ 114.3420, 1.3104,  
-0.2999

■ 24.8340, 45.4378,  
-13.8864

■ 124.3870, -3.6418,  
1.4146

■ 17.4470, 49.0796,  
-15.3010

■ 134.1330, -8.4466,  
2.5144

■ 144.1780,  
-13.3988, 4.2289

■ 154.2230,  
-18.3509, 5.9434

■ 163.9690,  
-23.1557, 7.0432

# Harmonies

## Analogous

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



60.6620, 29.2536, -49.6926



74.4610, 20.9717, -6.5433



76.7370, 12.4547, 18.6477

# Triad

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



74.4610, 20.9717, -6.5433



73.2030, -17.8481, 31.3940



57.6470, 5.1040, -50.5564

# Complementary

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



74.4610, 20.9717, -6.5433



109.5390, -20.9717, 6.5433

# 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.



66.1100, -10.4072, -22.0215



74.4610, 20.9717, -6.5433



72.1490, -22.7515, 17.4093

# Square

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



74.4610, 20.9717, -6.5433



73.7660, -8.2656, 37.9162



69.7230, -20.0764, -0.6341



60.9700, 15.2978, -53.4707



# Rectangle

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



74.4610, 20.9717, -6.5433



75.7940, 6.0176, 29.9987



69.7230, -20.0764, -0.6341



59.1270, 0.4304, -44.8384

# Sweetspot

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



74.4610, 20.9717, -6.5433



135.8670, 8.4466, -2.5144



101.7080, 6.0600, -30.4389



66.0690, 5.3890, -1.8145



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



74.4610, 20.9717, -6.5433



86.8270, 32.6233, -10.3723



79.2780, 18.5969, 8.5262



53.6840, 2.6208, -0.5999



18.0170, 51.2636, -15.8009



37.3050, 104.8586, -32.7165



# Inverse Universe

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



82.2920, -6.0600, 30.4389



98.8920, -9.3138, 47.4527



104.7220, -18.5969, -8.5262



54.7940, -0.8844, 3.6887



37.2760, -14.9261, 74.3029



76.4600, -30.2998, 152.1946



# Previews

## White Background



This preview shows how the YUV color 74.4610, 20.9717, -6.5433 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 74.4610, 20.9717, -6.5433 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

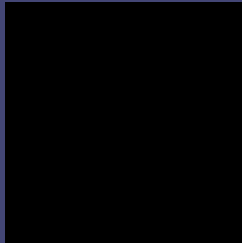
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 74.4610, 20.9717, -6.5433**

## **Background**



This preview shows how black text looks on a background with the YUV color 74.4610, 20.9717, -6.5433.



This preview shows how white text looks on a background with the YUV color 74.4610, 20.9717,

-6.5433.

# 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

74.4610, 20.9717, -6.5433

### Protanopia

73.1610, 22.5986, -15.0502

### Deuteranopia

71.9110, 21.7359, -18.3389



## Tritanopia

72.0030, 5.4215, -12.2806

# Trichromacy



## Original Color

74.4610, 20.9717, -6.5433

## Protanomaly

73.6560, 21.8616, -11.9763

## Deuteranomaly

73.1180, 21.1408, -14.1355

## Tritanomaly

72.5070, 11.0890, -10.0916

# Monochromacy



## Original Color

74.4610, 20.9717, -6.5433

## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

74.3400, 7.7204, -2.9292

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.4610, 20.9717, -6.5433 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(67, 70, 117)` looks like.

```
.text, #text, p{  
    color:rgb(67, 70, 117)  
}
```

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(67, 70, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 70, 117) }
```

## Border

The CSS property to change the border of an element to YUV 74.4610, 20.9717, -6.5433 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(67, 70, 117) }
```



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

```
.border{ border-color:rgb(67, 70, 117) }
```

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

Here you see how a box with a 4 pixel rgb(67, 70, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 70, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 70, 117);  
box-shadow:4px 4px 4px 4px rgb(67, 70,  
117) }
```

# Background

The CSS property to change the background color of an element to YUV 74.4610, 20.9717, -6.5433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 70, 117) }
```

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

```
.background{ background-color: rgb(67, 70,  
117) }
```

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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