

# Converting Colors

YUV(70.7330, -32.4064,  
-59.4018)

Have a look what the booklet for  
YUV(70.7330, -32.4064, -59.4018)  
contains.

<b>YUV(70.7330, -32.4064, -59.4018)</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(70.7330, -32.4064,  
-59.4018)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	037605
RGB	3, 118, 5
RGB Percent	1%, 46%, 2%
CMY	0.9882, 0.5373, 0.9804
CMYK	0.97, 0.00, 0.96, 0.54
HSL	121°, 95%, 24%
HSV	121°, 97%, 46%
XYZ	6.5434, 12.9872, 2.3055
YIQ	70.7330, -32.2670, -59.5230

# Conversions

## Conversions Part 2

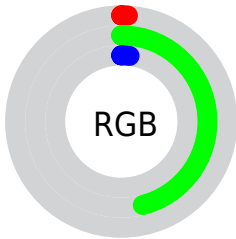
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	3, 116, 118
Decimal	226821
CIE Lab	42.74, -48.28, 45.95
CIE LCh	43, 66.655, 136.417
Yxy	12.9872, 0.2997, 0.5948
Android (android.graphics.Color)	4278416901 (0xFF037605)
YUV	70.7330, -32.4064, -59.4018
Hunter-Lab	36.0377, -30.6558, 21.4334

# Details

The YUV color **70.7330, -32.4064, -59.4018** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **50.2670, 32.4064, 59.4018**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.2940, -33.1759, -45.8618**, and **39.9160, -19.6786, -35.0063** is the 20% darker color. If you saturate the color by 10%, you get **69.4940, -33.2745, -60.9462**, and if you desaturate by 10%, it is **75.6890, -28.9337, -53.2243**.

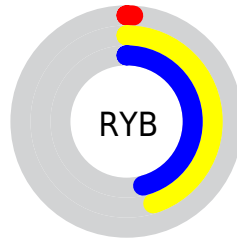
# Distribution



Red (1%)

Green (46%)

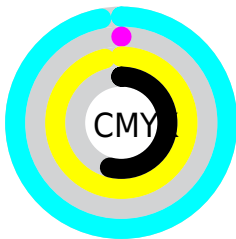
Blue (2%)



Red (1%)

Yellow (45%)

Blue (46%)

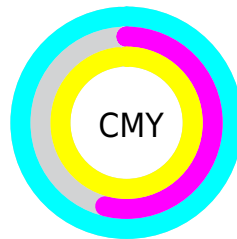


Cyan (97%)

Magenta (0%)

Yellow (96%)

Black (54%)



Cyan (99%)

Magenta (54%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 70.7330, -32.4064, -59.4018 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 70.7330, -32.4064, -59.4018 by changing the saturation by 10% instead.



■ 70.7330, -32.4064,  
-59.4018

■ 70.7330, -32.4064,  
-59.4018

255.0000, 0.0000,  
0.0000

■ 54.5910, -26.9134,  
-47.8763

■ 131.2940,  
-33.1759, -45.8618

■ 39.9160, -19.6786,  
-35.0063

■ 158.9520,  
-34.4863, -45.5619

■ 27.0020, -13.3120,  
-23.6808

■ 187.7240,  
-35.3599, -45.3619

■ 9.9790, -4.9196,  
-8.7516


■ 214.9090,  
-35.9441, -44.6472


■ 0.0000, 0.0000,  
0.0000


■ 226.6580,  
-28.4254, -29.5181


■ 238.5210,


-20.4699, -14.4889


 250.7970,  
-12.2249, 1.0550


 70.7330, -32.4064,  
-59.4018


 70.7330, -32.4064,  
-59.4018


 69.4940, -33.2745,  
-60.9462

 75.6890, -28.9337,  
-53.2243

 80.5310, -25.8978,  
-46.9467

 85.1880, -22.2777,  
-41.3839

 90.0300, -19.2418,  
-35.1063

 94.9860, -15.7691,  
-28.9287

■ 99.9420, -12.2964,  
-22.7511

■ 104.7840, -9.2605,  
-16.4736

■ 109.4410, -5.6404,  
-10.9108

■ 114.2830, -2.6045,  
-4.6332

# Harmonies

## Analogous

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



91.8010, -45.2579, 2.8055



70.7330, -32.4064, -59.4018



80.5230, -3.7088, -70.6187

# Triad

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



70.7330, -32.4064, -59.4018



91.3310, 58.0108, -80.0973



83.1770, -4.5243, 98.0688

# Complementary

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



70.7330, -32.4064, -59.4018



50.2670, 32.4064, 59.4018

# 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.



89.8650, 18.8006, 83.4334



70.7330, -32.4064, -59.4018



80.6510, 62.7831, -70.7309

# Square

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



70.7330, -32.4064, -59.4018



92.7210, 43.0285, -81.3163



102.3560, 37.2925, 32.1368



91.3800, -36.1763, 76.8427



# Rectangle

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



70.7330, -32.4064, -59.4018



85.5560, 13.0369, -75.0326



102.3560, 37.2925, 32.1368



81.7070, 5.0744, 99.3580

# Sweetspot

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



70.7330, -32.4064, -59.4018



134.8280, -12.7332, -22.6512



104.2920, -49.9370, 10.2679



65.8490, -7.8136, -13.8996



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.



70.7330, -32.4064, -59.4018



90.1530, -42.9664, -79.0642



77.2310, -7.5089, -65.1006



56.5220, -1.7363, -3.0888



71.8420, -34.4321, -63.0054



147.2060, -70.6006, -129.0997



# Inverse Universe

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



50.2670, 32.4064, 59.4018



62.8470, 42.9664, 79.0642



43.7690, 7.5089, 65.1006



55.4780, 1.7363, 3.0888



50.1580, 34.4321, 63.0054

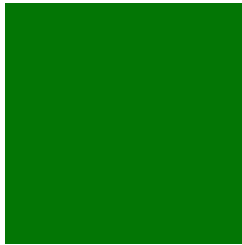


102.7940, 70.6006, 129.0997



# Previews

## White Background



This preview shows how the YUV color 70.7330, -32.4064, -59.4018 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 × Fail



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 70.7330, -32.4064, -59.4018

## Background



This preview shows how black text looks on a background with the YUV color 70.7330, -32.4064, -59.4018.



This preview shows how white text looks on a background with the YUV color 70.7330, -32.4064, -59.4018.



# 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

70.7330, -32.4064, -59.4018

### Protanopia

93.3730, -46.0329, 18.0899

### Deuteranopia

97.2890, -35.1455, 26.0565



## Tritanopia

93.0860, 12.7756, -37.7864

# Trichromacy



## Original Color

70.7330, -32.4064, -59.4018

## Protanomaly

85.1630, -40.9994, -9.7900

## Deuteranomaly

87.6180, -34.3217, -4.9270

## Tritanomaly

85.0900, -3.4954, -45.6829

# Monochromacy



## Original Color

70.7330, -32.4064, -59.4018

## Achromatopsia

71.0000, 0.0000, 0.0000

## Achromatomaly

70.7680, -11.7176, -21.7215

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 70.7330, -32.4064, -59.4018 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(3, 118, 5)` looks like.

```
.text, #text, p{  
    color:rgb(3, 118, 5)  
}
```

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(3, 118, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 118, 5) }
```

## Border

The CSS property to change the border of an element to YUV 70.7330, -32.4064, -59.4018 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(3, 118, 5) }
```



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

```
.border{ border-color:rgb(3, 118, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 118, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 118, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(3, 118, 5); box-shadow:4px  
4px 4px 4px rgb(3, 118, 5) }
```

# Background

The CSS property to change the background color of an element to YUV 70.7330, -32.4064, -59.4018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 118, 5) }
```

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

```
.background{ background-color: rgb(3, 118,  
5) }
```

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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