

# Converting Colors

YUV(85.3700, -4.6194, -11.7255)

Have a look what the booklet for  
YUV(85.3700, -4.6194, -11.7255)  
contains.

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# Color

**YUV(85.3700, -4.6194,  
-11.7255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	485E4C
RGB	72, 94, 76
RGB Percent	28%, 37%, 30%
CMY	0.7176, 0.6314, 0.7020
CMYK	0.23, 0.00, 0.19, 0.63
HSL	131°, 13%, 33%
HSV	131°, 23%, 37%
XYZ	7.9797, 9.9049, 8.3287
YIQ	85.3700, -7.3340, -10.2620

# Conversions

## Conversions Part 2

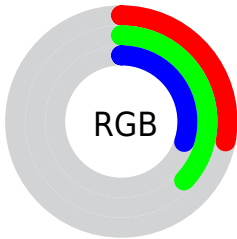
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	72, 91, 94
Decimal	4742732
CIE <sub>Lab</sub>	37.67, -12.40, 7.64
CIE <sub>LCh</sub>	38, 14.567, 148.379
Yxy	9.9049, 0.3044, 0.3779
Android (android.graphics.Color)	4282932812 (0xFF485E4C)
YUV	85.3700, -4.6194, -11.7255
Hunter-Lab	31.4721, -9.8178, 6.3400

# Details

The YUV color  $[85.3700, -4.6194, -11.7255]$  is a dark color, and the websafe version is hex  $336666$ . A complement of this color would be  $[80.6300, 4.6194, 11.7255]$ , and the grayscale version is  $[85.0000, 0.0000, 0.0000]$ .

A 20% lighter version of the original color is  $[134.9570, -4.9088, -12.2403]$ , and  $[40.1960, -4.0406, -10.6959]$  is the 20% darker color. If you saturate the color by 10%, you get  $[81.7670, -6.7871, -16.4587]$ , and if you desaturate by 10%, it is  $[88.9730, -2.4517, -6.9923]$ .

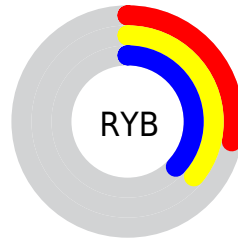
# Distribution



Red (28%)

Green (37%)

Blue (30%)



Red (28%)

Yellow (36%)

Blue (37%)

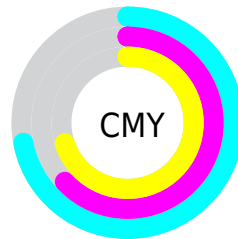


Cyan (23%)

Magenta (0%)

Yellow (19%)

Black (63%)



Cyan (72%)

Magenta (63%)

Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.3700, -4.6194, -11.7255 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 85.3700, -4.6194, -11.7255 by changing the saturation by 10% instead.



■ 85.3700, -4.6194,  
-11.7255

■ 85.3700, -4.6194,  
-11.7255

255.0000, 0.0000,  
0.0000

■ 61.7830, -4.3300,  
-11.2107

■ 134.9570, -4.9088,  
-12.2403

■ 40.1960, -4.0406,  
-10.6959

■ 161.5440, -5.1982,  
-12.7551

■ 18.0710, -4.4720,  
-12.3403

■ 188.1310, -5.4876,  
-13.2699

■ 0.0000, 0.0000,  
0.0000

■ 216.1310, -5.4876,  
-13.2699

■ 244.7180, -5.7770,  
-13.7847

■ 85.3700, -4.6194,  
-11.7255

■ 85.3700, -4.6194,  
-11.7255

■ 81.7670, -6.7871,  
-16.4587

■ 88.9730, -2.4517,  
-6.9923

■ 77.9790, -8.3706,  
-21.9066

■ 92.7610, -0.8682,  
-1.5444

■ 74.3760, -10.5384,  
-26.6398

■ 96.3640, 1.2995,  
3.1888

■ 70.4740, -12.5587,  
-31.9877

■ 100.2660, 3.3199,  
8.5367

■ 66.9850, -14.2896,  
-36.8208

■ 103.7550, 5.0508,  
13.3699

■ 63.3820, -16.4573,  
-41.5540

■ 107.3580, 7.2185,  
18.1030

■ 59.4800, -18.4776,  
-46.9020

■ 111.2600, 9.2388,  
23.4510

■ 57.1160, -19.7772,

■ 114.8630, 11.4065,

-50.0907

28.1841

■ 118.6510, 12.9901,  
33.6321

# Harmonies

## Analogous

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



86.5840, -9.1619, -1.3892



85.3700, -4.6194, -11.7255



83.7370, 2.1017, -20.8173

# Triad

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



85.3700, -4.6194, -11.7255



87.7240, 11.9681, -12.0359



90.2260, -6.0274, 19.9728

# Complementary

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



85.3700, -4.6194, -11.7255



80.6300, 4.6194, 11.7255

# 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.



90.4090, -0.2016, 18.0583



85.3700, -4.6194, -11.7255



89.8180, 9.4567, 0.1596

# Square

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



85.3700, -4.6194, -11.7255



84.8430, 11.4164, -21.7873



90.4450, 5.2036, 11.0107



89.4660, -10.0897, 16.2543



# Rectangle

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



85.3700, -4.6194, -11.7255



83.4530, 6.1857, -24.0763



90.4450, 5.2036, 11.0107



90.0950, -3.9908, 20.0877

# Sweetspot

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



85.3700, -4.6194, -11.7255



118.8100, -1.8783, -4.2184



90.2960, -9.0199, -0.2596



59.0490, -1.0102, -2.6740



189.0000, 0.0000, 0.0000



61.0000, 0.0000, 0.0000



# Same Dimension

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



85.3700, -4.6194, -11.7255



108.6420, -7.2185, -18.1030



86.6240, 0.1854, -12.8252



44.0490, -1.0102, -2.6740



66.8500, -23.0970, -58.6274



144.0210, -49.8034, -126.3064



# Inverse Universe

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



80.6300, 4.6194, 11.7255



101.3580, 7.2185, 18.1030



79.3760, -0.1854, 12.8252



42.9510, 1.0102, 2.6740



43.1500, 23.0970, 58.6274

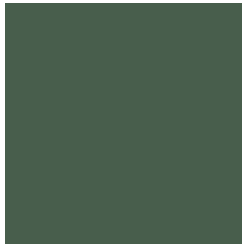


92.9790, 49.8034, 126.3064



# Previews

## White Background



This preview shows how the YUV color 85.3700, -4.6194, -11.7255 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 85.3700, -4.6194, -11.7255 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

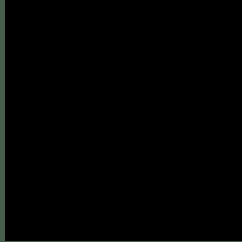
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 85.3700, -4.6194, -11.7255

## Background



This preview shows how black text looks on a background with the YUV color 85.3700, -4.6194, -11.7255.



This preview shows how white text looks on a background with the YUV color 85.3700, -4.6194,

-11.7255.

# 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

85.3700, -4.6194, -11.7255

### Protanopia

87.7850, -7.2890, 4.5736

### Deuteranopia

88.9860, -5.4161, 10.5363



## Tritanopia

87.3130, 5.2687, -9.9215

# Trichromacy



## Original Color

85.3700, -4.6194, -11.7255

## Protanomaly

86.6810, -6.2517, -1.4742

## Deuteranomaly

87.3440, -5.0996, 2.3293

## Tritanomaly

86.6890, 1.6323, -10.2513

# Monochromacy



## Original Color

85.3700, -4.6194, -11.7255

## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

84.9240, -1.4415, -4.3183

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.3700, -4.6194, -11.7255 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(72, 94, 76)` looks like.

```
.text, #text, p{  
    color:rgb(72, 94, 76)  
}
```

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(72, 94, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 94, 76) }
```

## Border

The CSS property to change the border of an element to YUV 85.3700, -4.6194, -11.7255 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(72, 94, 76) }
```



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

```
.border{ border-color:rgb(72, 94, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 94, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 94, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 94, 76);  
box-shadow:4px 4px 4px 4px rgb(72, 94, 76)  
}
```

# Background

The CSS property to change the background color of an element to YUV 85.3700, -4.6194, -11.7255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 94, 76) }
```

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

```
.background{ background-color: rgb(72, 94,  
76) }
```

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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