

# Converting Colors

YUV(121.7330, -28.9554,  
-46.2468)

Have a look what the booklet for  
YUV(121.7330, -28.9554, -46.2468)  
contains.

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# Color

**YUV(121.7330, -28.9554,  
-46.2468)**

# Conversions

## Conversions Part 1

Format	Color
Hex	45A03F
RGB	69, 160, 63
RGB Percent	27%, 63%, 25%
CMY	0.7294, 0.3725, 0.7529
CMYK	0.57, 0.00, 0.61, 0.37
HSL	116°, 43%, 44%
HSV	116°, 61%, 63%
XYZ	15.9223, 26.7657, 9.0297
YIQ	121.7330, -23.0990, -49.4590

# Conversions

## Conversions Part 2

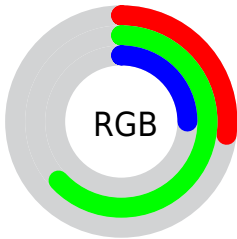
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">63, 160, 154</a>
Decimal	<a href="#">4563007</a>
CIELab	<a href="#">58.76, -46.60, 41.67</a>
CIElCh	<a href="#">59, 62.515, 138.193</a>
Yxy	<a href="#">26.7657, 0.3079, 0.5175</a>
Android (android.graphics.Color)	<a href="#">4282753087 (0xFF45A03F)</a>
YUV	<a href="#">121.7330, -28.9554, -46.2468</a>
Hunter-Lab	<a href="#">51.7356, -35.6017, 25.8667</a>

# Details

The YUV color **121.7330, -28.9554, -46.2468** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **101.2670, 28.9554, 46.2468**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.4620, -31.2868, -45.1322**, and **63.7210, -27.4705, -55.8833** is the 20% darker color. If you saturate the color by 10%, you get **115.4240, -33.7330, -53.8688**, and if you desaturate by 10%, it is **128.0420, -24.1777, -38.6248**.

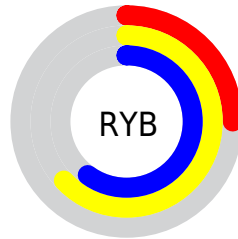
# Distribution



Red (27%)

Green (63%)

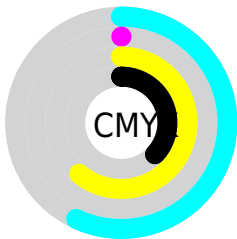
Blue (25%)



Red (25%)

Yellow (63%)

Blue (60%)

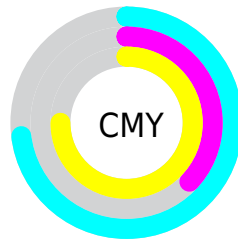


Cyan (57%)

Magenta (0%)

Yellow (61%)

Black (37%)



Cyan (73%)

Magenta (37%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.7330, -28.9554, -46.2468 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 121.7330, -28.9554, -46.2468 by changing the saturation by 10% instead.



■ 121.7330,  
-28.9554, -46.2468

■ 121.7330,  
-28.9554, -46.2468

255.0000, 0.0000,  
0.0000

■ 93.7650, -27.4921,  
-48.9059

■ 177.4620,  
-31.2868, -45.1322

■ 63.7210, -27.4705,  
-55.8833

■ 205.2340,  
-32.1604, -44.9322

■ 48.1340, -23.7301,  
-42.2135

■ 223.1410,  
-27.6775, -36.0807

■ 34.0460, -16.7847,  
-29.8583

■ 235.0040,  
-19.7220, -21.0515

■ 21.7190, -10.7075,  
-19.0476

■ 247.2800,  
-11.4770, -5.5076

■ 0.0000, 0.0000,  
0.0000

254.7720, -0.8736,

0.2000

■ 121.7330,  
-28.9554, -46.2468

■ 121.7330,  
-28.9554, -46.2468

■ 115.4240,  
-33.7330, -53.8688

■ 128.0420,  
-24.1777, -38.6248

■ 109.1150,  
-38.5107, -61.4909

■ 134.3510,  
-19.4000, -31.0028

■ 102.8060,  
-43.2884, -69.1129

■ 140.6600,  
-14.6224, -23.3808

■ 96.9100, -47.7766,  
-76.2201

■ 146.9690, -9.8447,  
-15.7588

■ 153.2780, -5.0671,  
-8.1368

■ 159.5870, -0.2894,  
-0.5148

■ 165.8960, 4.4883,  
7.1072

■ 172.2050, 9.2659,  
14.7292

■ 178.5140, 14.0436,  
22.3512

# Harmonies

## Analogous

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



130.3640, -55.8885, 5.8198



121.7330, -28.9554, -46.2468



110.7800, 3.0665, -97.1541

# Triad

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



121.7330, -28.9554, -46.2468



118.7840, 64.1965, -104.1736



136.5430, -13.0857, 90.7318

# Complementary

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



121.7330, -28.9554, -46.2468



101.2670, 28.9554, 46.2468

# 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.



140.1110, 12.2703, 77.9557



121.7330, -28.9554, -46.2468



136.8790, 53.7967, -34.9739

# Square

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



121.7330, -28.9554, -46.2468



121.5760, 49.5090, -106.6222



145.2810, 34.3715, 35.7106



137.0270, -37.4813, 75.3983



# Rectangle

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



121.7330, -28.9554, -46.2468



115.6990, 19.3754, -101.4680



145.2810, 34.3715, 35.7106



137.5350, -4.2078, 89.8618

# Sweetspot

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



121.7330, -28.9554, -46.2468



194.2030, -11.4391, -17.7180



145.4200, -40.6331, 12.7867



95.8000, -6.8034, -11.2256



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



121.7330, -28.9554, -46.2468



148.8010, -45.7509, -72.6165



124.7270, -9.7254, -54.1346



75.9950, -2.4625, -3.5036



86.6320, -42.7096, -68.0833



9.1040, -4.4883, -7.1072



# Inverse Universe

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



101.2670, 28.9554, 46.2468



116.4980, 45.6035, 73.2313



98.2730, 9.7254, 54.1346



74.3040, 2.3151, 4.1184



56.3680, 42.7096, 68.0833



5.8960, 4.4883, 7.1072



# Previews

## White Background



This preview shows how the YUV color 121.7330, -28.9554, -46.2468 looks on a white 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



# Black Background



This preview shows how the YUV color 121.7330, -28.9554, -46.2468 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

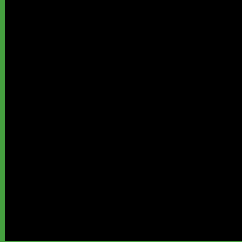
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.7330, -28.9554, -46.2468 Background



This preview shows how black text looks on a background with the YUV color 121.7330, -28.9554, -46.2468.



This preview shows how white text looks on a background with the YUV color 121.7330, -28.9554, -46.2468.

-46.2468.

# 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

121.7330, -28.9554, -46.2468

### Protanopia

135.9090, -38.9021, 17.6198

### Deuteranopia

138.4790, -33.2671, 30.2749



## Tritanopia

133.7270, 13.9386, -37.4716

# Trichromacy



## Original Color

121.7330, -28.9554, -46.2468

## Protanomaly

130.6780, -35.3373, -5.8566

## Deuteranomaly

132.0580, -31.5806, 2.5801

## Tritanomaly

129.5790, -1.7644, -40.8498

# Monochromacy



## Original Color

121.7330, -28.9554, -46.2468

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

122.1430, -10.4235, -16.7884

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.7330, -28.9554, -46.2468 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(69, 160, 63)` looks like.

```
.text, #text, p{  
    color:rgb(69, 160, 63)  
}
```

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(69, 160, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 160, 63) }
```

## Border

The CSS property to change the border of an element to YUV 121.7330, -28.9554, -46.2468 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(69, 160, 63) }
```



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

```
.border{ border-color:rgb(69, 160, 63) }
```

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

Here you see how a box with a 4 pixel rgb(69, 160, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 160, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 160, 63);  
box-shadow:4px 4px 4px 4px rgb(69, 160,  
63) }
```

# Background

The CSS property to change the background color of an element to YUV 121.7330, -28.9554, -46.2468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 160, 63) }
```

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

```
.background{ background-color: rgb(69, 160,  
63) }
```

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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