

# Converting Colors

YUV(123.2550, -60.7647,  
-16.8866)

Have a look what the booklet for  
YUV(123.2550, -60.7647, -16.8866)  
contains.

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# Color

**YUV(123.2550, -60.7647,  
-16.8866)**

# Conversions

## Conversions Part 1

Format	Color
Hex	689D00
RGB	104, 157, 0
RGB Percent	41%, 62%, 0%
CMY	0.5922, 0.3843, 1.0000
CMYK	0.34, 0.00, 1.00, 0.38
HSL	80°, 100%, 31%
HSV	80°, 100%, 62%
XYZ	17.7659, 27.0570, 4.2862
YIQ	123.2550, 18.8090, -60.0630

# Conversions

## Conversions Part 2

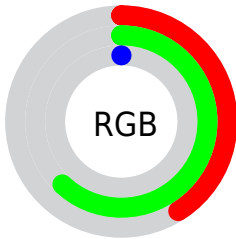
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 157, 53
Decimal	6855936
CIELab	59.03, -37.51, 61.32
CIElCh	59, 71.885, 121.454
Yxy	27.0570, 0.3618, 0.5510
Android (android.graphics.Color)	4285046016 (0xFF689D00)
YUV	123.2550, -60.7647, -16.8866
Hunter-Lab	52.0163, -30.0629, 31.5259

# Details

The YUV color **123.2550, -60.7647, -16.8866** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **33.7450, 60.7647, 16.8866**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.4920, -53.4866, -17.9715**, and **75.9870, -37.4616, -24.5446** is the 20% darker color. If you saturate the color by 10%, you get **123.2550, -60.7647, -16.8866**, and if you desaturate by 10%, it is **126.5740, -54.5130, -15.4124**.

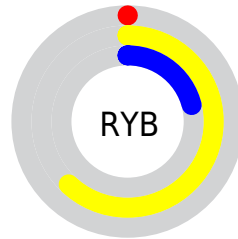
# Distribution



Red (41%)

Green (62%)

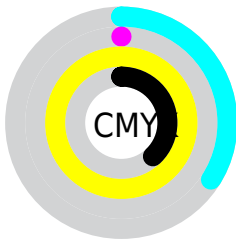
Blue (0%)



Red (0%)

Yellow (62%)

Blue (21%)

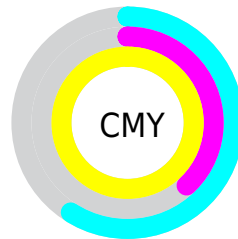


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (38%)



Cyan (59%)

Magenta (38%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.2550, -60.7647, -16.8866 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 123.2550, -60.7647, -16.8866 by changing the saturation by 10% instead.



■ 123.2550,  
-60.7647, -16.8866

■ 123.2550,  
-60.7647, -16.8866

■ 255.0000, 0.0000,  
0.0000

■ 99.6210, -49.1132,  
-20.7156

■ 180.4920,  
-53.4866, -17.9715

■ 75.9870, -37.4616,  
-24.5446

■ 208.6770,  
-54.0708, -17.2567

■ 52.0320, -25.6518,  
-32.4771

■ 229.3450,  
-50.4561, -9.9496

■ 33.4590, -16.4953,  
-29.3435

■ 241.2080,  
-42.5005, 5.0796

■ 21.7190, -10.7075,  
-19.0476

■ 246.7920,  
-31.4495, 7.1984

■ 0.0000, 0.0000,  
0.0000

■ 249.9840,

-19.2191, 4.3990

■ 253.4040, -6.1152,  
1.3997

■ 123.2550,  
-60.7647, -16.8866

■ 126.5740,  
-54.5130, -15.4124

■ 130.0780,  
-48.8455, -13.2234

■ 133.3970,  
-42.5937, -11.7492

■ 136.7160,  
-36.3420, -10.2749

■ 140.3340,  
-30.2377, -8.1859

■ 143.5390,  
-24.4227, -6.6117

■ 146.8580,  
-18.1710, -5.1375

■ 150.1770,  
-11.9193, -3.6632

■ 153.6810, -6.2517,  
-1.4742

# Harmonies

## Analogous

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



132.4120, -65.2791, 31.2107



123.2550, -60.7647, -16.8866



106.3340, -13.9687, -93.2549

# Triad

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



123.2550, -60.7647, -16.8866



125.1100, 63.0498, -109.7215



133.5010, 4.1900, 103.0466

# Complementary

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



123.2550, -60.7647, -16.8866



33.7450, 60.7647, 16.8866

# 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.



142.6270, 29.7639, 66.9791



123.2550, -60.7647, -16.8866



116.5330, 68.2642, -102.1994

# Square

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



123.2550, -60.7647, -16.8866



123.3880, 41.2207, -108.2113



143.8600, 52.8200, -1.6312



133.7540, -26.5007, 100.1937



# Rectangle

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



123.2550, -60.7647, -16.8866



112.9970, 3.9455, -99.0984



143.8600, 52.8200, -1.6312



135.8620, 13.3790, 95.7140

# Sweetspot

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



123.2550, -60.7647, -16.8866



190.7670, -23.5491, -6.8117



77.4670, -38.1912, 69.7504



94.1940, -14.3926, -3.6781



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



123.2550, -60.7647, -16.8866



160.1130, -78.9357, -22.0241



99.9330, -49.2670, -64.8392



77.1910, -3.0522, -1.0445



112.3460, -55.3866, -15.2124



11.7950, -5.8149, -1.5742



# Inverse Universe

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



33.7450, 60.7647, 16.8866



43.8870, 78.9357, 22.0241



57.0670, 49.2670, 64.8392



72.8090, 3.0522, 1.0445



30.6540, 55.3866, 15.2124



3.2050, 5.8149, 1.5742



# Previews

## White Background



This preview shows how the YUV color 123.2550, -60.7647, -16.8866 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 123.2550, -60.7647, -16.8866 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

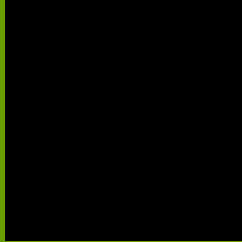
Any Text WCAG AA ✓ Pass

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 123.2550, -60.7647, -16.8866 Background



This preview shows how black text looks on a background with the YUV color 123.2550, -60.7647, -16.8866.



This preview shows how white text looks on a background with the YUV color 123.2550, -60.7647, -16.8866.

-16.8866.

# 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

123.2550, -60.7647, -16.8866

### Protanopia

131.1940, -64.6786, 25.2629

### Deuteranopia

135.3000, -51.9129, 37.4479



## Tritanopia

139.5940, 9.0742, -17.1839

# Trichromacy



## Original Color

123.2550, -60.7647, -16.8866

## Protanomaly

128.1490, -63.1775, 10.3933

## Deuteranomaly

130.6690, -55.0528, 17.8303

## Tritanomaly

133.6500, -16.0965, -17.2331

# Monochromacy



## Original Color

123.2550, -60.7647, -16.8866

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.8210, -22.0968, -5.9820

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.2550, -60.7647, -16.8866 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(104, 157, 0)` looks like.

```
.text, #text, p{  
    color:rgb(104, 157, 0)  
}
```

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(104, 157, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 157, 0) }
```

## Border

The CSS property to change the border of an element to YUV 123.2550, -60.7647, -16.8866 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(104, 157, 0) }
```



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

```
.border{ border-color:rgb(104, 157, 0) }
```

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

Here you see how a box with a 4 pixel rgb(104, 157, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 157, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 157, 0);  
box-shadow:4px 4px 4px 4px rgb(104, 157,  
0) }
```

# Background

The CSS property to change the background color of an element to YUV 123.2550, -60.7647, -16.8866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 157, 0) }
```

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

```
.background{ background-color: rgb(104,  
157, 0) }
```

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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