

# Converting Colors

YUV(121.8040, -60.0494,  
-12.9831)

Have a look what the booklet for  
YUV(121.8040, -60.0494, -12.9831)  
contains.

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# Color

**YUV(121.8040, -60.0494,  
-12.9831)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6B9900
RGB	107, 153, 0
RGB Percent	42%, 60%, 0%
CMY	0.5804, 0.4000, 1.0000
CMYK	0.30, 0.00, 1.00, 0.40
HSL	78°, 100%, 30%
HSV	78°, 100%, 60%
XYZ	17.4546, 25.9083, 4.0808
YIQ	121.8040, 21.6970, -57.3350

# Conversions

## Conversions Part 2

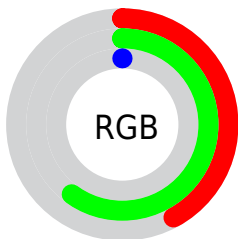
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 153, 46
Decimal	7051520
CIELab	57.95, -34.55, 60.57
CIELCh	58, 69.729, 119.700
Yxy	25.9083, 0.3679, 0.5461
Android (android.graphics.Color)	4285241600 (0xFF6B9900)
YUV	121.8040, -60.0494, -12.9831
Hunter-Lab	50.9002, -27.8642, 30.8766

# Details

The YUV color **121.8040, -60.0494, -12.9831** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **31.1960, 60.0494, 12.9831**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.9270, -53.2080, -13.9680**, and **75.4220, -37.1830, -20.5411** is the 20% darker color. If you saturate the color by 10%, you get **121.8040, -60.0494, -12.9831**, and if you desaturate by 10%, it is **125.0090, -54.2344, -11.4089**.

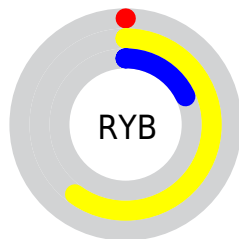
# Distribution



Red (42%)

Green (60%)

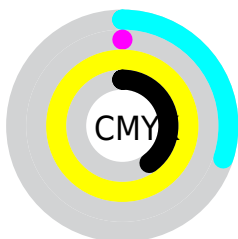
Blue (0%)



Red (0%)

Yellow (60%)

Blue (18%)

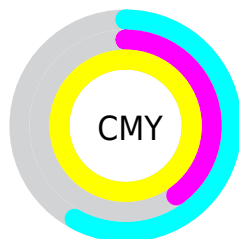


Cyan (30%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (58%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.8040, -60.0494, -12.9831 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 121.8040, -60.0494, -12.9831 by changing the saturation by 10% instead.



■ 121.8040,  
-60.0494, -12.9831

■ 121.8040,  
-60.0494, -12.9831

■ 255.0000, 0.0000,  
0.0000

■ 98.4690, -48.5452,  
-16.1973

■ 178.9270,  
-53.2080, -13.9680

■ 75.4220, -37.1830,  
-20.5411

■ 206.9270,  
-53.2080, -13.9680

■ 51.7770, -25.5261,  
-26.1144

■ 229.8290,  
-51.1877, -8.6200

■ 31.6980, -15.6271,  
-27.7991

■ 241.8770,  
-43.8164, 7.1239

■ 20.5450, -10.1287,  
-18.0180


■ 246.6780,  
-31.8863, 7.2984


■ 0.0000, 0.0000,  
0.0000


■ 249.8700,


-19.6559, 4.4990


 253.1760, -6.9888,  
1.5996

 121.8040,  
-60.0494, -12.9831

 125.0090,  
-54.2344, -11.4089

 128.0290,  
-47.8353, -10.5494

 131.2340,  
-42.0204, -8.9752

 134.1400,  
-36.0580, -8.0158

 137.4590,  
-29.8063, -6.5415

■ 140.6640,  
-23.9914, -4.9673

■ 143.5700,  
-18.0290, -4.0079

■ 146.7750,  
-12.2141, -2.4337

■ 149.7950, -5.8149,  
-1.5742

# Harmonies

## Analogous

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



130.0640, -64.1216, 33.2699



121.8040, -60.0494, -12.9831



103.5300, -14.5583, -90.7958

# Triad

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



121.8040, -60.0494, -12.9831



122.3230, 59.9868, -107.2773



132.1090, 5.3693, 98.1284

# Complementary

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



121.8040, -60.0494, -12.9831



31.1960, 60.0494, 12.9831

# 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.



140.7080, 30.2170, 61.6461



121.8040, -60.0494, -12.9831



115.3590, 68.8430, -101.1698

# Square

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



121.8040, -60.0494, -12.9831



120.0140, 38.4471, -105.2523



140.3110, 52.1047, -5.5347



131.1280, -23.7271, 97.2347



# Rectangle

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



121.8040, -60.0494, -12.9831



110.5520, 2.1929, -96.9541



140.3110, 52.1047, -5.5347



134.6440, 13.9795, 89.7662

# Sweetspot

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



121.8040, -60.0494, -12.9831



186.7780, -23.5546, -5.0673



72.7490, -35.8653, 70.3801



92.0200, -13.8139, -2.6485



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



121.8040, -60.0494, -12.9831



158.3740, -78.0784, -16.9910



99.0800, -48.8464, -59.7062



75.1910, -3.0522, -1.0445



111.4820, -54.9606, -11.8237



10.3220, -5.0887, -1.1594



# Inverse Universe

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



31.1960, 60.0494, 12.9831



40.6260, 78.0784, 16.9910



53.9200, 48.8464, 59.7062



70.5100, 3.1996, 0.4297



28.5180, 54.9606, 11.8237



2.6780, 5.0887, 1.1594



# Previews

## White Background



This preview shows how the YUV color 121.8040, -60.0494, -12.9831 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 121.8040, -60.0494, -12.9831 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

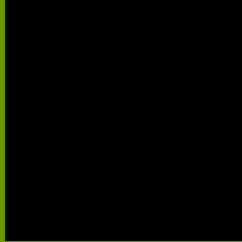
Any Text WCAG AA ✓ Pass

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 121.8040, -60.0494, -12.9831 Background



This preview shows how black text looks on a background with the YUV color 121.8040, -60.0494, -12.9831.



This preview shows how white text looks on a background with the YUV color 121.8040, -60.0494, -12.9831.



# 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



### Protanopia

128.5360, -63.3682, 24.9629

### Deuteranopia

133.1150, -51.3287, 36.7331

### Tritanopia

137.3880, 8.1897, -13.4953

# Trichromacy



## Protanomaly

126.0890, -62.1619, 11.3229

## Deuteranomaly

129.0820, -54.7634, 18.3451

## Tritanomaly

131.8570, -16.6915, -13.0296

# Monochromacy



## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.9460, -21.6654, -4.3376

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.8040, -60.0494, -12.9831 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(107, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(107, 153, 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(107, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 153, 0) }
```

## Border

The CSS property to change the border of an element to YUV 121.8040, -60.0494, -12.9831 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(107, 153, 0) }
```

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

```
.border{ border-color:rgb(107, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(107, 153,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 121.8040, -60.0494, -12.9831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 153, 0) }
```

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

```
.background{ background-color: rgb(107,  
153, 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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