

# Converting Colors

YUV(123.6020, -60.9358,  
-102.2600)

Have a look what the booklet for  
YUV(123.6020, -60.9358, -102.2600)  
contains.

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# Color

**YUV(123.6020, -60.9358,  
-102.2600)**

# Conversions

## Conversions Part 1

Format	Color
Hex	07CF00
RGB	7, 207, 0
RGB Percent	3%, 81%, 0%
CMY	0.9725, 0.1882, 1.0000
CMYK	0.97, 0.00, 1.00, 0.19
HSL	118°, 100%, 41%
HSV	118°, 100%, 81%
XYZ	22.4004, 44.6708, 7.4417
YIQ	123.6020, -52.7530, -106.7770

# Conversions

## Conversions Part 2

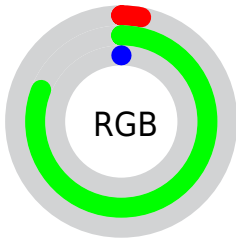
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 207, 200
Decimal	511744
CIELab	72.67, -73.37, 71.12
CIELCh	73, 102.181, 135.894
Yxy	44.6708, 0.3006, 0.5995
Android (android.graphics.Color)	4278701824 (0xFF07CF00)
YUV	123.6020, -60.9358, -102.2600
Hunter-Lab	66.8362, -57.1384, 40.1839

# Details

The YUV color **123.6020, -60.9358, -102.2600** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **83.3980, 60.9358, 102.2600**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3250, -53.8972, -73.0760**, and **88.6370, -43.6980, -77.7346** is the 20% darker color. If you saturate the color by 10%, you get **123.6020, -60.9358, -102.2600**, and if you desaturate by 10%, it is **131.9760, -54.7112, -92.0640**.

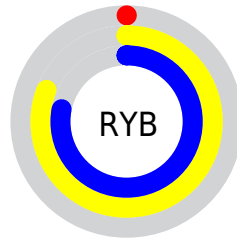
# Distribution



Red (3%)

Green (81%)

Blue (0%)



Red (0%)

Yellow (81%)

Blue (78%)

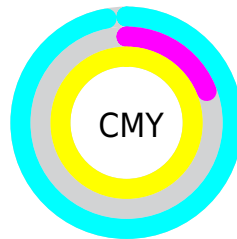


Cyan (97%)

Magenta (0%)

Yellow (100%)

Black (19%)



Cyan (97%)

Magenta (19%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 123.6020, -60.9358, -102.2600 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 123.6020, -60.9358, -102.2600 by changing the saturation by 10% instead.



■ 123.6020,  
-60.9358, -102.2600

■ 123.6020,  
-60.9358, -102.2600

■ 255.0000, 0.0000,  
0.0000

■ 105.0730,  
-51.8010, -92.1490

■ 191.3250,  
-53.8972, -73.0760

■ 88.6370, -43.6980,  
-77.7346

■ 204.4980,  
-46.0945, -55.6877

■ 72.7880, -35.8845,  
-63.8351

■ 217.3720,  
-38.1444, -38.9142

■ 56.9390, -28.0709,  
-49.9355

■ 229.9470,  
-30.0469, -22.7555

■ 41.6770, -20.5468,  
-36.5507

■ 242.8210,  
-22.0968, -5.9820

■ 27.5890, -13.6014,  
-24.1956

■ 251.8080,

■ 9.9790, -4.9196,

-12.2303, 2.7994

-8.7516

■ 0.0000, 0.0000,  
0.0000

■ 123.6020,  
-60.9358, -102.2600

■ 131.9760,  
-54.7112, -92.0640

■ 140.2360,  
-48.9233, -81.7680

■ 148.6100,  
-42.6987, -71.5720

■ 156.9840,  
-36.4741, -61.3760

■ 165.3580,  
-30.2495, -51.1800

■ 173.6180,  
-24.4617, -40.8840

■ 181.9920,  
-18.2371, -30.6880

■ 190.3660,  
-12.0124, -20.4920

■ 198.6260, -6.2246,  
-10.1960

# Harmonies

## Analogous

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



161.4740, -79.6067, 6.6003



123.6020, -60.9358, -102.2600



140.9110, -5.8721, -123.5789

# Triad

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



123.6020, -60.9358, -102.2600



147.6440, 52.9265, -129.4838



120.7570, 6.0358, 117.7311

# Complementary

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



123.6020, -60.9358, -102.2600



83.3980, 60.9358, 102.2600

# 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.



138.5170, 43.6221, 102.1556



123.6020, -60.9358, -102.2600



130.6210, 61.3188, -114.5546

# Square

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



123.6020, -60.9358, -102.2600



155.2750, 49.1644, -136.1762



174.5040, 39.6845, 58.3170



144.6740, -52.0973, 96.7559



# Rectangle

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



123.6020, -60.9358, -102.2600



150.1960, 22.0884, -131.7219



174.5040, 39.6845, 58.3170



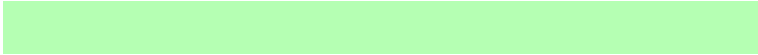
117.2470, 23.0492, 120.8094

# Sweetspot

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



123.6020, -60.9358, -102.2600



224.2100, -22.2885, -37.8952



177.5320, -87.5233, 25.8434



109.3010, -13.4594, -23.0660



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



123.6020, -60.9358, -102.2600



152.3760, -75.1214, -125.7408



132.1110, -19.2817, -115.8613



100.4570, -3.1833, -5.6628



100.4100, -49.5021, -82.7976



24.3660, -12.0124, -20.4920



# Inverse Universe

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



83.3980, 60.9358, 102.2600



102.6240, 75.1214, 125.7408



74.8890, 19.2817, 115.8613



98.2440, 3.3307, 5.0480



67.8890, 49.3547, 83.4123

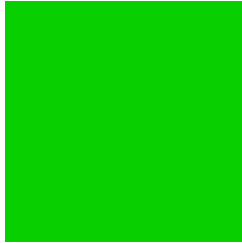


16.3350, 12.1598, 19.8772



# Previews

## White Background



This preview shows how the YUV color 123.6020, -60.9358, -102.2600 looks on a white 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



# Black Background



This preview shows how the YUV color 123.6020, -60.9358, -102.2600 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 ✓ Pass

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

# YUV 123.6020, -60.9358, -102.2600 Background



This preview shows how black text looks on a background with the YUV color 123.6020, -60.9358, -102.2600.



This preview shows how white text looks on a background with the YUV color 123.6020, -60.9358, -102.2600.



# 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

163.4000, -80.5562, 31.2212

### Deuteranopia

170.1240, -61.6861, 45.4953

### Tritanopia

162.4290, 22.4665, -66.1512

# Trichromacy



## Protanomaly

148.9270, -73.4210, -17.4760

## Deuteranomaly

153.1960, -61.2286, -8.0649

## Tritanomaly

148.0290, -7.9023, -78.9554

# Monochromacy



## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

123.6230, -21.9991, -37.3804

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 123.6020, -60.9358, -102.2600 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(7, 207, 0)` looks like.

```
.text, #text, p{  
    color:rgb(7, 207, 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(7, 207, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 207, 0) }
```

## Border

The CSS property to change the border of an element to YUV 123.6020, -60.9358, -102.2600 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(7, 207, 0) }
```

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

```
.border{ border-color:rgb(7, 207, 0) }
```

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

Here you see how a box with a 4 pixel rgb(7, 207, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 207, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(7, 207, 0); box-shadow:4px  
4px 4px 4px rgb(7, 207, 0) }
```



# Background

The CSS property to change the background color of an element to YUV 123.6020, -60.9358, -102.2600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 207, 0) }
```

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

```
.background{ background-color: rgb(7, 207,  
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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