

# Converting Colors

YUV(153.6000, -60.9348,  
-55.7772)

Have a look what the booklet for  
YUV(153.6000, -60.9348, -55.7772)  
contains.

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# Color

**YUV(153.6000, -60.9348,  
-55.7772)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5AD21E
RGB	90, 210, 30
RGB Percent	35%, 82%, 12%
CMY	0.6471, 0.1765, 0.8824
CMYK	0.57, 0.00, 0.86, 0.18
HSL	100°, 75%, 47%
HSV	100°, 86%, 82%
XYZ	27.4974, 48.3606, 9.1136
YIQ	153.6000, -13.7400, -81.4200

# Conversions

## Conversions Part 2

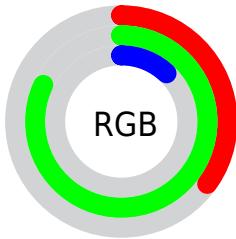
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 210, 150
Decimal	5952030
CIELab	75.05, -61.77, 69.50
CIELCh	75, 92.986, 131.632
Yxy	48.3606, 0.3236, 0.5691
Android (android.graphics.Color)	4284142110 (0xFF5AD21E)
YUV	153.6000, -60.9348, -55.7772
Hunter-Lab	69.5418, -51.1177, 40.9092

# Details

The YUV color **153.6000, -60.9348, -55.7772** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed green. A complement of this color would be **86.4000, 60.9348, 55.7772**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.8490, -55.1416, -47.2256**, and **90.3980, -44.5662, -79.2790** is the 20% darker color. If you saturate the color by 10%, you get **147.0200, -68.0439, -62.2845**, and if you desaturate by 10%, it is **160.1800, -53.8257, -49.2699**.

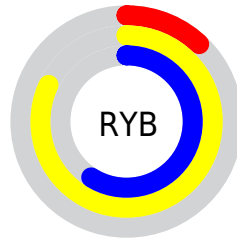
# Distribution



Red (35%)

Green (82%)

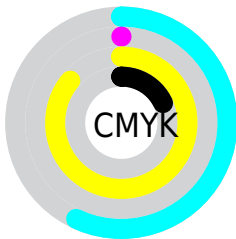
Blue (12%)



Red (12%)

Yellow (82%)

Blue (59%)

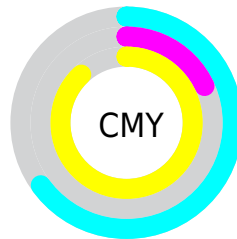


Cyan (57%)

Magenta (0%)

Yellow (86%)

Black (18%)



Cyan (65%)

Magenta (18%)

Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 153.6000, -60.9348, -55.7772 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 153.6000, -60.9348, -55.7772 by changing the saturation by 10% instead.



■ 153.6000,  
-60.9348, -55.7772

■ 153.6000,  
-60.9348, -55.7772

■ 255.0000, 0.0000,  
0.0000

■ 123.2790,  
-60.7765, -59.8807

■ 205.8490,  
-55.1416, -47.2256

■ 90.3980, -44.5662,  
-79.2790

■ 218.1250,  
-46.8966, -31.6816

■ 74.5490, -36.7527,  
-65.3795

■ 230.2870,  
-39.0885, -16.0377

■ 59.2870, -29.2285,  
-51.9947

■ 242.8620,  
-30.9910, 0.1210

■ 44.6120, -21.9937,  
-39.1247

■ 249.7560,  
-20.0927, 4.5990

■ 31.1110, -15.3377,  
-27.2843

■ 253.0620, -7.4256,

■ 15.2620, -7.5242,

1.6996

-13.3848

■ 0.0000, 0.0000,  
0.0000

■ 153.6000,  
-60.9348, -55.7772

■ 153.6000,  
-60.9348, -55.7772

■ 147.0200,  
-68.0439, -62.2845

■ 160.1800,  
-53.8257, -49.2699

■ 144.2000,  
-71.0906, -65.0734

■ 166.7600,  
-46.7167, -42.7625

■ 173.3400,  
-39.6076, -36.2552

■ 179.9200,  
-32.4986, -29.7478

■ 186.5000,  
-25.3895, -23.2405

■ 193.0800,  
-18.2804, -16.7332

■ 199.6600,  
-11.1714, -10.2258

■ 206.2400, -4.0623,  
-3.7185

■ 212.8200, 3.0467,  
2.7889

# Harmonies

## Analogous

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



169.8130, -83.7178, 18.5810



153.6000, -60.9348, -55.7772



143.0310, -7.9033, -125.4382

# Triad

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



153.6000, -60.9348, -55.7772



151.7530, 50.9008, -133.0874



143.2230, 5.8061, 98.0284

# Complementary

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



153.6000, -60.9348, -55.7772



86.4000, 60.9348, 55.7772

# 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.



161.8320, 39.0298, 81.7083



153.6000, -60.9348, -55.7772



137.0780, 58.1355, -120.2174

# Square

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



153.6000, -60.9348, -55.7772



158.2100, 47.7175, -138.7502



182.3570, 35.8130, 40.0289



154.4200, -40.1401, 88.2087



# Rectangle

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



153.6000, -60.9348, -55.7772



151.6320, 17.4364, -132.9813



182.3570, 35.8130, 40.0289



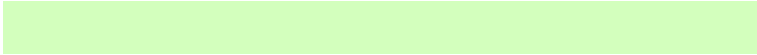
145.3550, 19.0520, 96.1587

# Sweetspot

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



153.6000, -60.9348, -55.7772



234.3200, -22.3428, -20.4516



154.2600, -61.2602, 48.8840



115.3670, -13.4919, -12.5999



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.



153.6000, -60.9348, -55.7772



175.1000, -86.3243, -79.0177



139.0800, -38.9864, -95.6632



101.6530, -3.7729, -3.2037



115.3600, -56.8725, -52.0587



28.2530, -13.9287, -12.4999



# Inverse Universe

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



86.4000, 60.9348, 55.7772



79.9000, 86.3243, 79.0177



100.9200, 38.9864, 95.6632



97.3470, 3.7729, 3.2037



52.6400, 56.8725, 52.0587

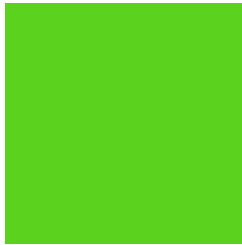


12.7470, 13.9287, 12.4999



# Previews

## White Background



This preview shows how the YUV color 153.6000, -60.9348, -55.7772 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 153.6000, -60.9348, -55.7772 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

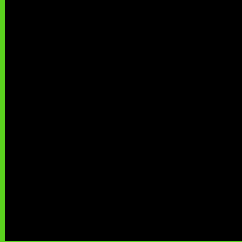
Any Text WCAG AA ✓ Pass

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 153.6000, -60.9348, -55.7772 Background



This preview shows how black text looks on a background with the YUV color 153.6000, -60.9348, -55.7772.



This preview shows how white text looks on a background with the YUV color 153.6000, -60.9348, -55.7772.

-55.7772.

# 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

153.6000, -60.9348, -55.7772

### Protanopia

172.4090, -74.1516, 30.3363

### Deuteranopia

176.8360, -61.5441, 46.6248



## Tritanopia

174.9970, 17.7495, -46.4784

# Trichromacy



**Original Color**

153.6000, -60.9348, -55.7772

**Protanomaly**

165.1770, -69.1073, -1.0322

**Deuteranomaly**

168.3060, -61.2829, 9.3786

**Tritanomaly**

166.8200, -10.7573, -49.8311

# Monochromacy



**Original Color**

153.6000, -60.9348, -55.7772

**Achromatopsia**

154.0000, 0.0000, 0.0000

**Achromatomaly**

153.7330, -22.0534, -19.9368

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 153.6000, -60.9348, -55.7772 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(90, 210, 30)` looks like.

```
.text, #text, p{  
    color:rgb(90, 210, 30)  
}
```

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(90, 210, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 210, 30) }
```

## Border

The CSS property to change the border of an element to YUV 153.6000, -60.9348, -55.7772 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(90, 210, 30) }
```



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

```
.border{ border-color:rgb(90, 210, 30) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 210, 30)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 210, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 210, 30);  
box-shadow:4px 4px 4px 4px rgb(90, 210,  
30) }
```

# Background

The CSS property to change the background color of an element to YUV 153.6000, -60.9348, -55.7772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 210, 30) }
```

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

```
.background{ background-color: rgb(90, 210,  
30) }
```

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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