

# Converting Colors

YUV(124.2530, -61.2567,  
-45.8259)

Have a look what the booklet for  
YUV(124.2530, -61.2567, -45.8259)  
contains.

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# Color

**YUV(124.2530, -61.2567,  
-45.8259)**

# Conversions

## Conversions Part 1

Format	Color
Hex	48AF00
RGB	72, 175, 0
RGB Percent	28%, 69%, 0%
CMY	0.7176, 0.3137, 1.0000
CMYK	0.59, 0.00, 1.00, 0.31
HSL	95°, 100%, 34%
HSV	95°, 100%, 69%
XYZ	18.0025, 32.0377, 5.2351
YIQ	124.2530, -5.2130, -76.2610

# Conversions

## Conversions Part 2

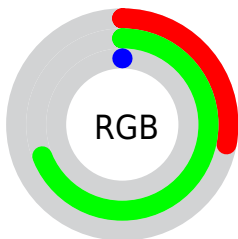
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 175, 103
Decimal	4763392
CIELab	63.37, -54.98, 64.13
CIELCh	63, 84.472, 130.611
Yxy	32.0377, 0.3257, 0.5796
Android (android.graphics.Color)	4282953472 (0xFF48AF00)
YUV	124.2530, -61.2567, -45.8259
Hunter-Lab	56.6018, -42.2805, 34.1376

# Details

The YUV color **124.2530, -61.2567, -45.8259** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **50.7470, 61.2567, 45.8259**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.6150, -53.5472, -45.2664**, and **71.0270, -35.0163, -62.2907** is the 20% darker color. If you saturate the color by 10%, you get **124.2530, -61.2567, -45.8259**, and if you desaturate by 10%, it is **129.1810, -55.3052, -41.3777**.

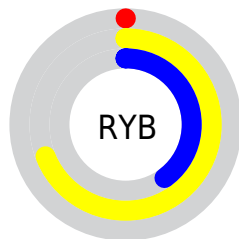
# Distribution



Red (28%)

Green (69%)

Blue (0%)



Red (0%)

Yellow (69%)

Blue (40%)

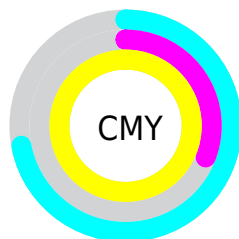


Cyan (59%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (72%)

Magenta (31%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.2530, -61.2567, -45.8259 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 124.2530, -61.2567, -45.8259 by changing the saturation by 10% instead.



■ 124.2530,  
-61.2567, -45.8259

■ 124.2530,  
-61.2567, -45.8259

■ 255.0000, 0.0000,  
0.0000

■ 97.6400, -48.1365,  
-54.0583

■ 183.6150,  
-53.5472, -45.2664

■ 71.0270, -35.0163,  
-62.2907

■ 209.8650,  
-52.6844, -41.9776

■ 55.7650, -27.4921,  
-48.9059

■ 221.7280,  
-44.7289, -26.9485

■ 41.6770, -20.5468,  
-36.5507

■ 233.8900,  
-36.9208, -11.3045

■ 28.1760, -13.8908,  
-24.7104

■ 246.1660,  
-28.6758, 4.2394

■ 11.7400, -5.7878,  
-10.2960

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

■ 253.9740, -3.9312,  
0.8998

■ 124.2530,  
-61.2567, -45.8259

■ 129.1810,  
-55.3052, -41.3777

■ 134.5220,  
-49.0643, -36.4148

■ 139.5640,  
-42.6761, -32.0666

■ 144.4920,  
-36.7246, -27.6185

■ 149.8330,  
-30.4837, -22.6555

■ 154.7610,  
-24.5322, -18.2074

■ 159.6890,  
-18.5807, -13.7593

■ 164.7310,  
-12.1924, -9.4111

■ 170.0720, -5.9515,  
-4.4481

# Harmonies

## Analogous

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



141.4720, -69.7457, 17.1261



124.2530, -61.2567, -45.8259



118.8210, -9.2788, -104.2060

# Triad

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



124.2530, -61.2567, -45.8259



131.7950, 60.7401, -115.5842



126.2850, 1.8315, 112.8831

# Complementary

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



124.2530, -61.2567, -45.8259



50.7470, 61.2567, 45.8259

# 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.



144.8140, 29.6717, 96.6331



124.2530, -61.2567, -45.8259



119.4680, 66.8173, -104.7734

# Square

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



124.2530, -61.2567, -45.8259



137.0950, 55.6622, -120.2323



154.8360, 49.3809, 28.2078



137.4480, -39.1679, 103.0931



# Rectangle

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



124.2530, -61.2567, -45.8259



126.6240, 13.0034, -111.0492



154.8360, 49.3809, 28.2078



128.5480, 13.0408, 110.8984

# Sweetspot

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



124.2530, -61.2567, -45.8259



207.2880, -23.8060, -17.7926



112.1990, -55.3141, 55.0765



102.7370, -14.6603, -11.1703



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



124.2530, -61.2567, -45.8259



161.0560, -79.4006, -59.6851



104.4350, -44.0915, -91.5895



84.4790, -3.1941, -2.1741



106.5880, -52.5479, -39.1037



16.1920, -7.9827, -6.3074



# Inverse Universe

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



50.7470, 61.2567, 45.8259



65.9440, 79.4006, 59.6851



70.5650, 44.0915, 91.5895



80.5210, 3.1941, 2.1741



43.7110, 52.4005, 39.7185



6.8080, 7.9827, 6.3074



# Previews

## White Background



This preview shows how the YUV color 124.2530, -61.2567, -45.8259 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 124.2530, -61.2567, -45.8259 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

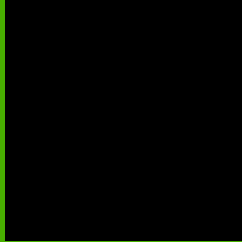
Any Text WCAG AA ✓ Pass

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 124.2530, -61.2567, -45.8259 Background



This preview shows how black text looks on a background with the YUV color 124.2530, -61.2567, -45.8259.



This preview shows how white text looks on a background with the YUV color 124.2530, -61.2567, -45.8259.

-45.8259.

# 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

124.2530, -61.2567, -45.8259

### Protanopia

141.2390, -69.6308, 26.9774

### Deuteranopia

146.7410, -54.1023, 39.6921



## Tritanopia

145.6450, 14.9650, -40.0307

# Trichromacy



## Original Color

124.2530, -61.2567, -45.8259

## Protanomaly

135.1710, -66.6393, 0.7270

## Deuteranomaly

138.5600, -56.4781, 8.2789

## Tritanomaly

137.7070, -12.6736, -41.8390

# Monochromacy



## Original Color

124.2530, -61.2567, -45.8259

## Achromatopsia

124.0000, 0.0000, 0.0000

## Achromatomaly

124.3420, -22.3536, -16.9629

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.2530, -61.2567, -45.8259 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(72, 175, 0)` looks like.

```
.text, #text, p{  
    color:rgb(72, 175, 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(72, 175, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 175, 0) }
```

## Border

The CSS property to change the border of an element to YUV 124.2530, -61.2567, -45.8259 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(72, 175, 0) }
```



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

```
.border{ border-color:rgb(72, 175, 0) }
```

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

Here you see how a box with a 4 pixel rgb(72, 175, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 175, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 175, 0);  
box-shadow:4px 4px 4px 4px rgb(72, 175, 0)  
}
```

# Background

The CSS property to change the background color of an element to YUV 124.2530, -61.2567, -45.8259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 175, 0) }
```

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

```
.background{ background-color: rgb(72, 175,  
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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