

# Converting Colors

YUV(121.1880, -22.2777,  
-41.3839)

Have a look what the booklet for  
YUV(121.1880, -22.2777, -41.3839)  
contains.

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# Color

**YUV(121.1880, -22.2777,  
-41.3839)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A9A4C
RGB	74, 154, 76
RGB Percent	29%, 60%, 30%
CMY	0.7098, 0.3961, 0.7020
CMYK	0.52, 0.00, 0.51, 0.40
HSL	122°, 35%, 45%
HSV	122°, 52%, 60%
XYZ	15.6841, 25.0889, 10.8535
YIQ	121.1880, -22.6420, -41.2180

# Conversions

## Conversions Part 2

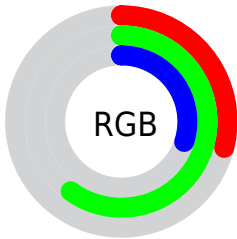
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 152, 154
Decimal	4889164
CIE <sub>Lab</sub>	57.16, -41.10, 33.41
CIE <sub>LCh</sub>	57, 52.969, 140.897
Yxy	25.0889, 0.3038, 0.4860
Android (android.graphics.Color)	4283079244 (0xFF4A9A4C)
YUV	121.1880, -22.2777, -41.3839
Hunter-Lab	50.0888, -31.7622, 22.2149

# Details

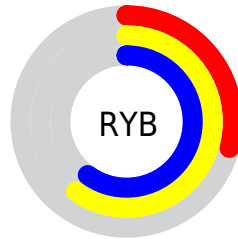
The YUV color **121.1880, -22.2777, -41.3839** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **106.8120, 22.2777, 41.3839**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.6180, -24.4617, -40.8840**, and **65.4580, -18.4668, -50.3907** is the 20% darker color. If you saturate the color by 10%, you get **114.9930, -26.6185, -49.1059**, and if you desaturate by 10%, it is **127.3830, -17.9368, -33.6619**.

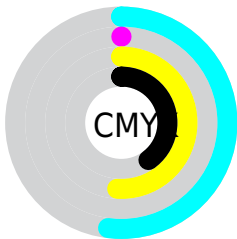
# Distribution



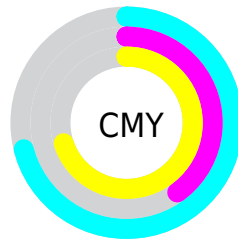
- Red (29%)
- Green (60%)
- Blue (30%)



- Red (29%)
- Yellow (60%)
- Blue (60%)



- Cyan (52%)
- Magenta (0%)
- Yellow (51%)
- Black (40%)



- Cyan (71%)
- Magenta (40%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.1880, -22.2777, -41.3839 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 121.1880, -22.2777, -41.3839 by changing the saturation by 10% instead.



■ 121.1880,  
-22.2777, -41.3839

■ 121.1880,  
-22.2777, -41.3839

■ 255.0000, 0.0000,  
0.0000

■ 94.8180, -21.1093,  
-42.8134

■ 175.6180,  
-24.4617, -40.8840

■ 65.4580, -18.4668,  
-50.3907

■ 203.7920,  
-25.0405, -41.9136

■ 45.4270, -21.4095,  
-39.8395

■ 225.2210,  
-22.2940, -36.1508

■ 31.1110, -15.3377,  
-27.2843

■ 237.0840,  
-14.3384, -21.1217

■ 19.3710, -9.5499,  
-16.9884

■ 248.9470, -6.3829,  
-6.0925

■ 0.0000, 0.0000,  
0.0000

■ 121.1880,  
-22.2777, -41.3839

■ 121.1880,  
-22.2777, -41.3839

■ 114.9930,  
-26.6185, -49.1059

■ 127.3830,  
-17.9368, -33.6619

■ 108.4990,  
-30.8120, -57.4426

■ 133.8770,  
-13.7434, -25.3251

■ 102.3040,  
-35.1529, -65.1646

■ 140.0720, -9.4025,  
-17.6031

■ 95.8100, -39.3463,  
-73.5014

■ 146.5660, -5.2090,  
-9.2664

■ 90.8540, -42.8190,  
-79.6790

■ 152.7610, -0.8682,  
-1.5444

■ 158.9560, 3.4727,  
6.1776

■ 165.4500, 7.6662,  
14.5144

■ 171.6450, 12.0070,

22.2363

■ 178.1390, 16.2005,  
30.5731

# Harmonies

## Analogous

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



129.1860, -42.4897, 1.5909



121.1880, -22.2777, -41.3839



107.1270, 6.8394, -93.9504

# Triad

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



121.1880, -22.2777, -41.3839



111.6940, 57.3389, -97.9556



135.5150, -14.0579, 75.8473

# Complementary

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



121.1880, -22.2777, -41.3839



106.8120, 22.2777, 41.3839

# 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.



137.7800, 7.5035, 66.8449



121.1880, -22.2777, -41.3839



136.5190, 43.1281, -19.7492

# Square

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



121.1880, -22.2777, -41.3839



115.2840, 45.7090, -101.1041



141.3210, 26.9567, 33.9215



134.8620, -33.9490, 62.3880



# Rectangle

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



121.1880, -22.2777, -41.3839



111.3620, 20.5275, -97.6645



141.3210, 26.9567, 33.9215



136.0510, -6.9271, 75.3773

# Sweetspot

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



121.1880, -22.2777, -41.3839



187.8980, -8.8237, -16.5735



144.5810, -34.7964, 7.3835



94.1530, -5.4984, -9.7812



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.



121.1880, -22.2777, -41.3839



150.1300, -34.5741, -64.1350



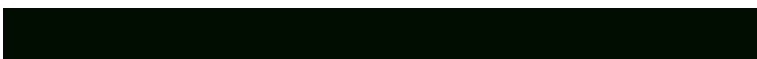
125.6340, -5.2426, -45.2830



73.6960, -2.3151, -4.1184



82.6360, -38.7675, -72.4718



7.6310, -3.7621, -6.6924



# Inverse Universe

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



106.8120, 22.2777, 41.3839



127.8700, 34.5741, 64.1350



102.3660, 5.2426, 45.2830



72.1900, 1.8783, 4.2184



57.4780, 39.2043, 72.3718



5.2550, 3.3253, 6.7924



# Previews

## White Background



This preview shows how the YUV color 121.1880, -22.2777, -41.3839 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 121.1880, -22.2777, -41.3839 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 121.1880, -22.2777, -41.3839 Background



This preview shows how black text looks on a background with the YUV color 121.1880, -22.2777, -41.3839.



This preview shows how white text looks on a background with the YUV color 121.1880, -22.2777, -41.3839.

-41.3839.

# 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

121.1880, -22.2777, -41.3839

### Protanopia

133.5480, -31.3292, 15.3054

### Deuteranopia

134.9930, -26.1255, 26.3161



## Tritanopia

130.5210, 13.0541, -33.7829

# Trichromacy



## Original Color

121.1880, -22.2777, -41.3839

## Protanomaly

128.9260, -28.0645, -5.1971

## Deuteranomaly

130.1810, -24.7392, 1.5953

## Tritanomaly

126.8830, 0.5507, -36.7314

# Monochromacy



## Original Color

121.1880, -22.2777, -41.3839

## Achromatopsia

121.0000, 0.0000, 0.0000

## Achromatomaly

121.1370, -7.9555, -15.0291

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.1880, -22.2777, -41.3839 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(74, 154, 76)` looks like.

```
.text, #text, p{  
    color:rgb(74, 154, 76)  
}
```

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(74, 154, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 154, 76) }
```

## Border

The CSS property to change the border of an element to YUV 121.1880, -22.2777, -41.3839 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(74, 154, 76) }
```



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

```
.border{ border-color:rgb(74, 154, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 154, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 154, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 154, 76);  
box-shadow:4px 4px 4px 4px rgb(74, 154,  
76) }
```

# Background

The CSS property to change the background color of an element to YUV 121.1880, -22.2777, -41.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 154, 76) }
```

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

```
.background{ background-color: rgb(74, 154,  
76) }
```

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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