

# Converting Colors

YUV(64.3750, -29.2719,  
-38.0399)

Have a look what the booklet for  
YUV(64.3750, -29.2719, -38.0399)  
contains.

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# Color

**YUV(64.3750, -29.2719,  
-38.0399)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	156205
RGB	21, 98, 5
RGB Percent	8%, 38%, 2%
CMY	0.9176, 0.6157, 0.9804
CMYK	0.79, 0.00, 0.95, 0.62
HSL	110°, 90%, 20%
HSV	110°, 95%, 38%
XYZ	4.7043, 8.9058, 1.6146
YIQ	64.3750, -16.0390, -45.2470

# Conversions

## Conversions Part 2

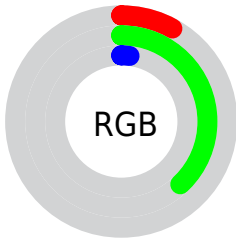
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	5, 98, 82
Decimal	1401349
CIE Lab	35.80, -39.71, 40.18
CIE LCh	36, 56.488, 134.662
Yxy	8.9058, 0.3090, 0.5850
Android (android.graphics.Color)	4279591429 (0xFF156205)
YUV	64.3750, -29.2719, -38.0399
Hunter-Lab	29.8425, -24.0859, 17.6819

# Details

The YUV color **64.3750, -29.2719, -38.0399** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **38.6250, 29.2719, 38.0399**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.6960, -29.4301, -33.9364**, and **29.3500, -14.4695, -25.7399** is the 20% darker color. If you saturate the color by 10%, you get **62.6090, -30.8662, -39.9991**, and if you desaturate by 10%, it is **67.9070, -26.0832, -34.1214**.

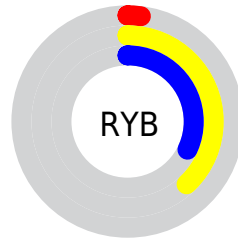
# Distribution



Red (8%)

Green (38%)

Blue (2%)



Red (2%)

Yellow (38%)

Blue (32%)

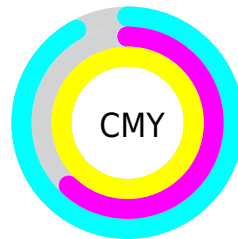


Cyan (79%)

Magenta (0%)

Yellow (95%)

Black (62%)



Cyan (92%)

Magenta (62%)


Yellow (98%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 64.3750, -29.2719, -38.0399 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 64.3750, -29.2719, -38.0399 by changing the saturation by 10% instead.





 64.3750, -29.2719,  
-38.0399


 64.3750, -29.2719,  
-38.0399


 254.0880, -3.4944,  
0.7998


 42.8510, -21.1255,  
-37.5803


 118.6960,  
-29.4301, -33.9364


 29.3500, -14.4695,  
-25.7399


 145.4680,  
-30.3037, -33.7364

 17.0230, -8.3923,  
-14.9292

 172.3540,  
-30.7405, -33.6365

 0.0000, 0.0000,  
0.0000


 200.7130,  
-31.9035, -33.9513


 225.0770,  
-30.6040, -30.7625


 236.5270,


-22.9378, -16.2482


 248.8030,  
-14.6929, -0.7042


 64.3750, -29.2719,  
-38.0399


 64.3750, -29.2719,  
-38.0399


 62.6090, -30.8662,  
-39.9991

 67.9070, -26.0832,  
-34.1214

 71.4390, -22.8944,  
-30.2030

 74.8570, -20.1425,  
-26.1846

 78.3890, -16.9538,  
-22.2662

 82.2200, -13.9125,  
-17.7329

■ 85.7520, -10.7237,  
-13.8145

■ 89.2840, -7.5350,  
-9.8961

■ 92.7020, -4.7831,  
-5.8777

■ 96.2340, -1.5944,  
-1.9592

# Harmonies

## Analogous

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



77.0600, -37.9906, 5.2094



64.3750, -29.2719, -38.0399



66.6000, -3.7468, -58.4082

# Triad

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



64.3750, -29.2719, -38.0399



75.9600, 47.3477, -66.6169



71.5830, -3.7384, 79.2957

# Complementary

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



64.3750, -29.2719, -38.0399



38.6250, 29.2719, 38.0399

# 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.



77.2450, 15.6552, 65.5601



64.3750, -29.2719, -38.0399



67.8560, 51.8360, -59.5097

# Square

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



64.3750, -29.2719, -38.0399



76.6320, 34.6914, -67.2063



85.9930, 31.0625, 23.6851



77.0670, -28.1340, 63.9622



# Rectangle

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



64.3750, -29.2719, -38.0399



71.3080, 9.2152, -62.5371



85.9930, 31.0625, 23.6851



72.1190, 3.3923, 78.8256

# Sweetspot

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



64.3750, -29.2719, -38.0399



114.9260, -11.3025, -14.8441



77.4190, -35.7026, 18.0495



56.1100, -6.9562, -8.8665



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



64.3750, -29.2719, -38.0399



81.7140, -40.2850, -52.3692



62.8970, -14.2462, -50.7757



46.3480, -1.1576, -2.0592



71.4250, -35.2125, -45.9767



153.1390, -75.4975, -98.3459



# Inverse Universe

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



38.6250, 29.2719, 38.0399



46.2860, 40.2850, 52.3692



40.1030, 14.2462, 50.7757



45.6520, 1.1576, 2.0592



40.5750, 35.2125, 45.9767

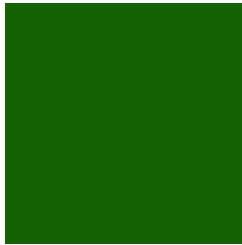


86.5620, 75.6449, 97.7311



# Previews

## White Background



This preview shows how the YUV color 64.3750, -29.2719, -38.0399 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

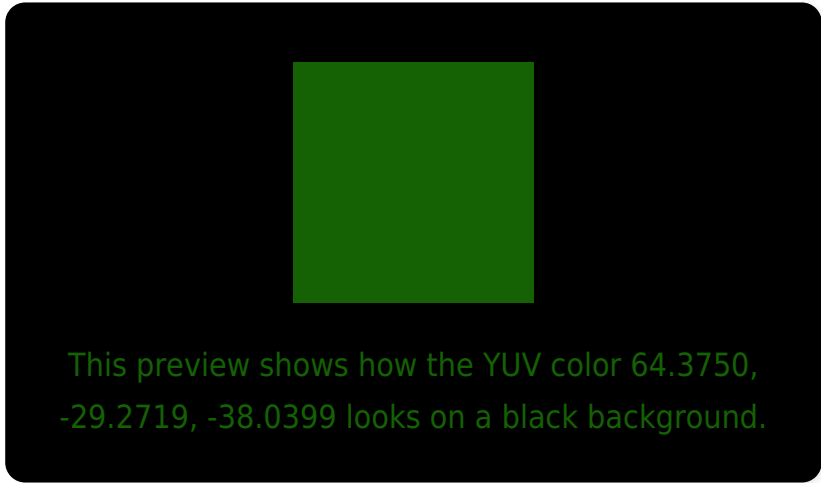
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

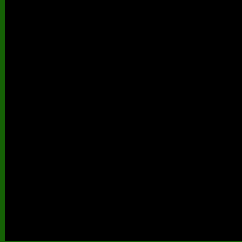
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 64.3750, -29.2719, -38.0399

## Background



This preview shows how black text looks on a background with the YUV color 64.3750, -29.2719, -38.0399.



This preview shows how white text looks on a background with the YUV color 64.3750, -29.2719,



# 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

64.3750, -29.2719, -38.0399

### Deuteranopia

81.0480, -29.6037, 21.8829

### Tritanopia

78.0440, 9.8383, -28.9796

# Trichromacy



## Original Color

64.3750, -29.2719, -38.0399

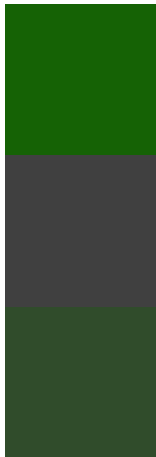
## Deuteranomaly

75.2040, -29.6806, -0.1789

## Tritanomaly

73.2380, -4.5543, -32.6577

# Monochromacy



## Original Color

64.3750, -29.2719, -38.0399

## Achromatopsia

64.0000, 0.0000, 0.0000

## Achromatomaly

63.8660, -10.2869, -13.9145

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 64.3750, -29.2719, -38.0399 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(21, 98, 5)` looks like.

```
.text, #text, p{  
    color:rgb(21, 98, 5)  
}
```

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(21, 98, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 98, 5) }
```

## Border

The CSS property to change the border of an element to YUV 64.3750, -29.2719, -38.0399 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(21, 98, 5) }
```

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

```
.border{ border-color:rgb(21, 98, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 98, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 98, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(21, 98, 5); box-shadow:4px  
4px 4px 4px rgb(21, 98, 5) }
```



# Background

The CSS property to change the background color of an element to YUV 64.3750, -29.2719, -38.0399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 98, 5) }
```

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

```
.background{ background-color: rgb(21, 98,  
5) }
```

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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