

# Converting Colors

YUV(63.7320, -7.2629, -50.6310)

Have a look what the booklet for  
YUV(63.7320, -7.2629, -50.6310)  
contains.

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# Color

**YUV(63.7320, -7.2629,  
-50.6310)**

# Conversions

## Conversions Part 1

Format	Color
Hex	066031
RGB	6, 96, 49
RGB Percent	2%, 38%, 19%
CMY	0.9765, 0.6235, 0.8078
CMYK	0.94, 0.00, 0.49, 0.62
HSL	149°, 88%, 20%
HSV	149°, 94%, 38%
XYZ	4.8124, 8.6262, 4.3171
YIQ	63.7320, -38.5530, -33.6970

# Conversions

## Conversions Part 2

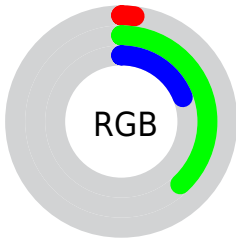
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">6, 67, 96</a>
Decimal	<a href="#">417841</a>
CIELab	<a href="#">35.25, -35.95, 20.17</a>
CIELCh	<a href="#">35, 41.223, 150.704</a>
Yxy	<a href="#">8.6262, 0.2710, 0.4858</a>
Android (android.graphics.Color)	<a href="#">4278607921 (0xFF066031)</a>
YUV	<a href="#">63.7320, -7.2629, -50.6310</a>
Hunter-Lab	<a href="#">29.3704, -22.1509, 11.8443</a>

# Details

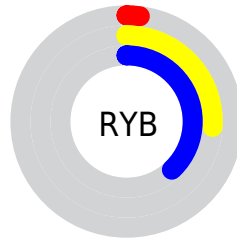
The YUV color **63.7320, -7.2629, -50.6310** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **38.2680, 7.2629, 50.6310**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.7500, -11.2157, -42.7537**, and **28.5180, -12.5804, -25.0103** is the 20% darker color. If you saturate the color by 10%, you get **61.5960, -7.6888, -54.0197**, and if you desaturate by 10%, it is **67.2920, -6.5530, -44.9831**.

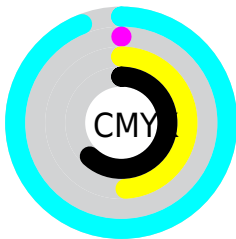
# Distribution



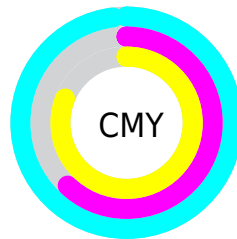
- Red (2%)
- Green (38%)
- Blue (19%)



- Red (2%)
- Yellow (26%)
- Blue (38%)



- Cyan (94%)
- Magenta (0%)
- Yellow (49%)
- Black (62%)



- Cyan (98%)
- Magenta (62%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 63.7320, -7.2629, -50.6310 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 63.7320, -7.2629, -50.6310 by changing the saturation by 10% instead.



■ 63.7320, -7.2629,  
-50.6310

■ 63.7320, -7.2629,  
-50.6310

255.0000, 0.0000,  
0.0000

■ 45.3420, -9.0426,  
-39.7649

■ 118.7500,  
-11.2157, -42.7537

■ 28.5180, -12.5804,  
-25.0103

■ 144.9350,  
-11.8000, -42.0390

■ 15.8490, -7.8136,  
-13.8996

■ 172.4080,  
-12.5261, -42.4538

■ 0.0000, 0.0000,  
0.0000

■ 199.9950,  
-12.8155, -42.9686

■ 226.1200,  
-12.3842, -41.3242

■ 237.9830, -4.4286,

-26.2951

■ 249.6180, 2.6533,  
-11.0660

■ 63.7320, -7.2629,  
-50.6310

■ 63.7320, -7.2629,  
-50.6310

■ 61.5960, -7.6888,  
-54.0197

■ 67.2920, -6.5530,  
-44.9831

■ 70.5530, -5.6956,  
-39.9500

■ 74.1130, -4.9857,  
-34.3021

■ 77.3740, -4.1284,  
-29.2690

■ 80.9340, -3.4185,  
-23.6211

■ 84.4940, -2.7085,  
-17.9732

■ 87.7550, -1.8512,  
-12.9401

■ 91.3150, -1.1413,  
-7.2923

■ 94.5760, -0.2840,  
-2.2592

# Harmonies

## Analogous

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



75.4310, -27.3275, -8.2710



63.7320, -7.2629, -50.6310



66.9880, 7.8939, -58.7485

# Triad

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



63.7320, -7.2629, -50.6310



67.4680, 40.1953, -59.1694



80.5460, -14.5662, 52.1412

# Complementary

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



63.7320, -7.2629, -50.6310



38.2680, 7.2629, 50.6310

# 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.



81.6720, 1.1477, 52.0307



63.7320, -7.2629, -50.6310



84.5140, 27.3546, -0.4508

# Square

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



63.7320, -7.2629, -50.6310



71.1380, 33.9490, -62.3880



84.6340, 15.4634, 33.6470



80.3150, -27.7633, 38.3117



# Rectangle

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



63.7320, -7.2629, -50.6310



69.4960, 17.5035, -60.9480



84.6340, 15.4634, 33.6470



80.6370, -9.1880, 53.8154

# Sweetspot

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



63.7320, -7.2629, -50.6310



112.4830, -2.7031, -19.7176



73.1820, -33.1207, -16.8226



56.0540, -1.9986, -12.3254



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.



63.7320, -7.2629, -50.6310



80.2150, -9.9660, -70.3486



68.7480, 11.9562, -55.0300



46.5760, -0.2840, -2.2592



71.9000, -8.8247, -63.0563



153.9900, -19.2221, -135.0492



# Inverse Universe

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



38.2680, 7.2629, 50.6310



44.7850, 9.9660, 70.3486



33.2520, -11.9562, 55.0300



45.4240, 0.2840, 2.2592



40.2140, 9.2615, 62.9563

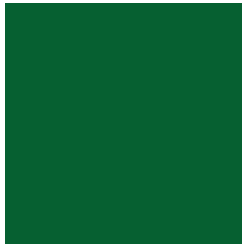


86.0100, 19.2221, 135.0492



# Previews

## White Background



This preview shows how the YUV color 63.7320, -7.2629, -50.6310 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

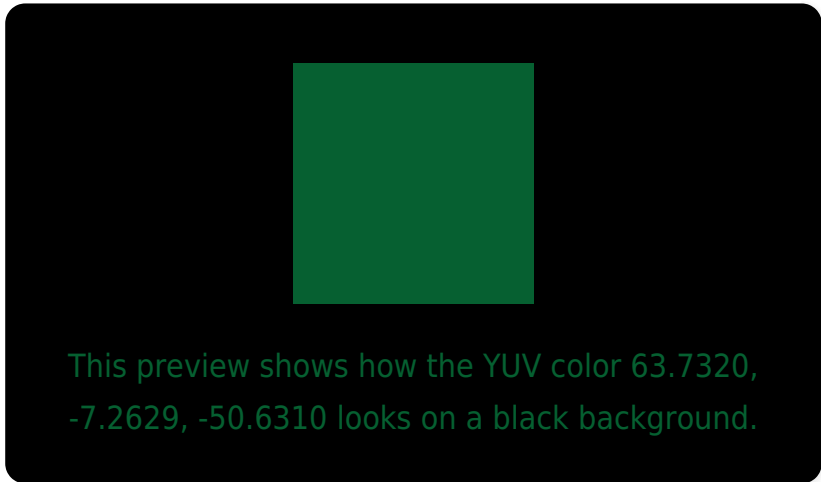
Any Text WCAG AA ✓ Pass

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 63.7320, -7.2629, -50.6310

## Background



This preview shows how black text looks on a background with the YUV color 63.7320, -7.2629, -50.6310.



This preview shows how white text looks on a background with the YUV color 63.7320, -7.2629, -50.6310.



# 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

63.7320, -7.2629, -50.6310

### Protanopia

80.9460, -18.2144, 8.8174

### Deuteranopia

82.3150, -14.4523, 15.5097



## Tritanopia

75.6520, 11.0176, -33.8978

# Trichromacy



## Original Color

63.7320, -7.2629, -50.6310

## Protanomaly

74.8400, -14.2181, -13.0147

## Deuteranomaly

75.5570, -11.6136, -8.3815

## Tritanomaly

71.4850, 4.1979, -39.8903

# Monochromacy



## Original Color

63.7320, -7.2629, -50.6310

## Achromatopsia

64.0000, 0.0000, 0.0000

## Achromatomaly

64.1950, -2.5611, -18.5880

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 63.7320, -7.2629, -50.6310 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(6, 96, 49)` looks like.

```
.text, #text, p{  
    color:rgb(6, 96, 49)  
}
```

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(6, 96, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 96, 49) }
```

## Border

The CSS property to change the border of an element to YUV 63.7320, -7.2629, -50.6310 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(6, 96, 49) }
```



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

```
.border{ border-color:rgb(6, 96, 49) }
```

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

Here you see how a box with a 4 pixel rgb(6, 96, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 96, 49); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 96, 49); box-shadow:4px  
4px 4px 4px rgb(6, 96, 49) }
```

# Background

The CSS property to change the background color of an element to YUV 63.7320, -7.2629, -50.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 96, 49) }
```

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

```
.background{ background-color: rgb(6, 96,  
49) }
```

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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