

# Converting Colors

YUV(165.7450, -30.4403,  
-36.6104)

Have a look what the booklet for  
YUV(165.7450, -30.4403, -36.6104)  
contains.

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# Color

**YUV(165.7450, -30.4403,  
-36.6104)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CC768
RGB	124, 199, 104
RGB Percent	49%, 78%, 41%
CMY	0.5137, 0.2196, 0.5922
CMYK	0.38, 0.00, 0.48, 0.22
HSL	107°, 46%, 59%
HSV	107°, 48%, 78%
XYZ	31.2343, 46.1314, 20.3547
YIQ	165.7450, -14.2050, -45.4450

# Conversions

## Conversions Part 2

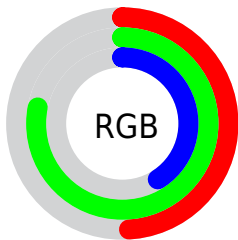
Format	Color
<a href="#">RYB</a>	<a href="#">104, 199, 179</a>
Decimal	<a href="#">8177512</a>
CIELab	<a href="#">73.63, -41.30, 40.18</a>
CIELCh	<a href="#">74, 57.620, 135.789</a>
Yxy	<a href="#">46.1314, 0.3196, 0.4721</a>
Android (android.graphics.Color)	<a href="#">4286367592 (0xFF7CC768)</a>
YUV	<a href="#">165.7450, -30.4403, -36.6104</a>
Hunter-Lab	<a href="#">67.9201, -36.7737, 29.7757</a>

# Details

The YUV color **165.7450, -30.4403, -36.6104** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **137.2550, 30.4403, 36.6104**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4030, -31.7507, -36.3104**, and **111.3150, -28.2563, -37.1103** is the 20% darker color. If you saturate the color by 10%, you get **158.6810, -36.8177, -44.4472**, and if you desaturate by 10%, it is **172.8090, -24.0628, -28.7735**.

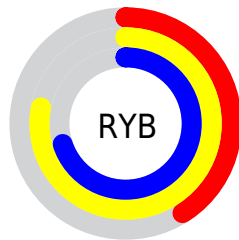
# Distribution



Red (49%)

Green (78%)

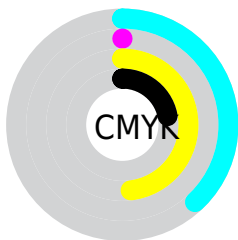
Blue (41%)



Red (41%)

Yellow (78%)

Blue (70%)

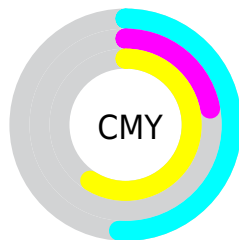


Cyan (38%)

Magenta (0%)

Yellow (48%)

Black (22%)



Cyan (51%)

Magenta (22%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 165.7450, -30.4403, -36.6104 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 165.7450, -30.4403, -36.6104 by changing the saturation by 10% instead.



■ 165.7450,  
-30.4403, -36.6104

■ 165.7450,  
-30.4403, -36.6104

255.0000, 0.0000,  
0.0000

■ 138.3860,  
-29.2773, -36.2955

■ 221.4030,  
-31.7507, -36.3104

■ 111.3150,  
-28.2563, -37.1103

■ 232.8530,  
-24.0845, -21.7961

■ 84.7170, -27.9615,  
-38.3398

■ 244.7160,  
-16.1290, -6.7669

■ 54.5910, -26.9134,  
-47.8763

■ 253.4040, -6.1152,  
1.3997

■ 40.5030, -19.9680,  
-35.5211

■ 27.0020, -13.3120,  
-23.6808

■ 12.3270, -6.0772,

-10.8108

■ 0.0000, 0.0000,  
0.0000

■ 165.7450,  
-30.4403, -36.6104

■ 165.7450,  
-30.4403, -36.6104

■ 158.6810,  
-36.8177, -44.4472

■ 172.8090,  
-24.0628, -28.7735

■ 151.9160,  
-43.3426, -51.6693

■ 179.5740,  
-17.5380, -21.5514

■ 144.8520,  
-49.7200, -59.5062


■ 186.6380,  
-11.1605, -13.7145


■ 137.7880,  
-56.0975, -67.3431


■ 193.7020, -4.7831,  
-5.8777


■ 130.7240,  
-62.4749, -75.1799


■ 200.7660, 1.5944,  
1.9592

 129.3710,  
-63.7799, -76.6244

 207.4170, 7.6824,  
9.2813

 214.4810, 14.0599,  
17.1182

 220.6330, 16.9429,  
25.7549

 222.1280, 16.2059,  
28.8287

# Harmonies

## Analogous

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



173.1070, -49.3528, 9.5532



165.7450, -30.4403, -36.6104



138.3640, 7.2155, -121.3452

# Triad

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



165.7450, -30.4403, -36.6104



142.9480, 55.2416, -125.3654



173.7470, -9.2423, 71.2589

# Complementary

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



165.7450, -30.4403, -36.6104



137.2550, 30.4403, 36.6104

# 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.



180.9630, 13.3292, 64.9304



165.7450, -30.4403, -36.6104



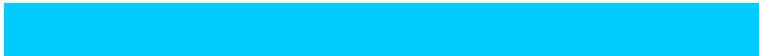
174.8290, 39.5243, -30.5450

# Square

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



165.7450, -30.4403, -36.6104



148.8180, 52.3477, -130.5134



186.4220, 33.8090, 29.4479



175.9060, -33.9707, 69.3654

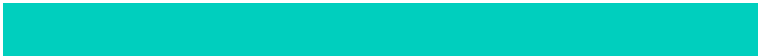


# Rectangle

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



165.7450, -30.4403, -36.6104



143.1690, 23.0877, -125.5592



186.4220, 33.8090, 29.4479



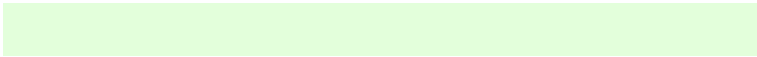
175.2120, -1.0905, 69.9741

# Sweetspot

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



165.7450, -30.4403, -36.6104



242.5240, -11.5973, -13.6145



175.8430, -35.4186, 20.3087



120.1100, -6.9562, -8.8665



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.



165.7450, -30.4403, -36.6104



204.0850, -46.3839, -56.2025



162.8430, -15.6986, -51.6053



95.8810, -2.8993, -3.4036



105.8470, -52.1826, -63.0098



23.5240, -11.5973, -13.6145



# Inverse Universe

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



137.2550, 30.4403, 36.6104



160.6160, 46.5313, 55.5878



140.1570, 15.6986, 51.6053



93.1190, 2.8993, 3.4036



57.1530, 52.1826, 63.0098



12.4760, 11.5973, 13.6145



# Previews

## White Background



This preview shows how the YUV color 165.7450, -30.4403, -36.6104 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 165.7450, -30.4403, -36.6104 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 165.7450, -30.4403, -36.6104 Background



This preview shows how black text looks on a background with the YUV color 165.7450, -30.4403, -36.6104.



This preview shows how white text looks on a background with the YUV color 165.7450, -30.4403, -36.6104.

-36.6104.

# 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

165.7450, -30.4403, -36.6104

### Protanopia

175.9200, -38.9076, 19.3642

### Deuteranopia

178.8000, -33.4254, 34.3784



## Tritanopia

175.6570, 13.4801, -30.3942

# Trichromacy



## Original Color

165.7450, -30.4403, -36.6104

## Protanomaly

172.2980, -35.6429, -1.1383

## Deuteranomaly

174.1620, -32.6179, 8.6279

## Tritanomaly

172.1070, -2.5178, -32.5428

# Monochromacy



## Original Color

165.7450, -30.4403, -36.6104

## Achromatopsia

166.0000, 0.0000, 0.0000

## Achromatomaly

165.9370, -11.3079, -13.0997

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 165.7450, -30.4403, -36.6104 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(124, 199, 104)` looks like.

```
.text, #text, p{  
    color:rgb(124, 199, 104)  
}
```

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(124, 199, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 199, 104) }
```

## Border

The CSS property to change the border of an element to YUV 165.7450, -30.4403, -36.6104 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(124, 199, 104) }
```



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

```
.border{ border-color:rgb(124, 199, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 199, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 199, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 199, 104);  
box-shadow:4px 4px 4px 4px rgb(124, 199,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 165.7450, -30.4403, -36.6104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 199, 104) }
```

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

```
.background{ background-color: rgb(124,  
199, 104) }
```

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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