

# Converting Colors

YUV(160.3050, -76.5654,  
11.1335)

Have a look what the booklet for  
YUV(160.3050, -76.5654, 11.1335)  
contains.

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# Color

**YUV(160.3050, -76.5654,  
11.1335)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ADB805
RGB	173, 184, 5
RGB Percent	68%, 72%, 2%
CMY	0.3216, 0.2784, 0.9804
CMYK	0.06, 0.00, 0.97, 0.28
HSL	64°, 95%, 37%
HSV	64°, 97%, 72%
XYZ	34.4015, 43.1762, 6.6643
YIQ	160.3050, 50.9030, -58.0010

# Conversions

## Conversions Part 2

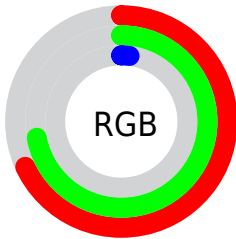
Format	Color
R <sub>Y</sub> B	5, 184, 16
Decimal	11384837
CIE Lab	71.67, -21.58, 72.34
CIE LCh	72, 75.494, 106.609
Yxy	43.1762, 0.4084, 0.5125
Android (android.graphics.Color)	4289574917 (0xFFADB805)
YUV	160.3050, -76.5654, 11.1335
Hunter-Lab	65.7086, -21.5371, 39.9827

# Details

The YUV color **160.3050, -76.5654, 11.1335** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **28.6950, 76.5654, -11.1335**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.4820, -68.2716, 10.9783**, and **111.5810, -55.0094, 3.8755** is the 20% darker color. If you saturate the color by 10%, you get **159.7350, -78.7494, 11.6334**, and if you desaturate by 10%, it is **162.6560, -68.8504, 9.9487**.

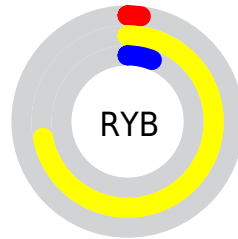
# Distribution



Red (68%)

Green (72%)

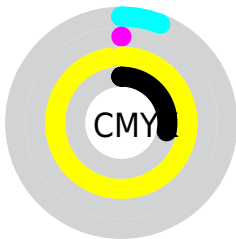
Blue (2%)



Red (2%)

Yellow (72%)

Blue (6%)

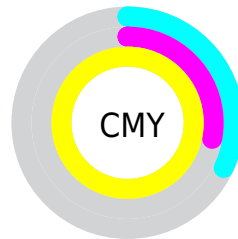


Cyan (6%)

Magenta (0%)

Yellow (97%)

Black (28%)



Cyan (32%)

Magenta (28%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.3050, -76.5654, 11.1335 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 160.3050, -76.5654, 11.1335 by changing the saturation by 10% instead.



■ 160.3050,  
-76.5654, 11.1335

■ 160.3050,  
-76.5654, 11.1335

■ 255.0000, 0.0000,  
0.0000

■ 135.2150,  
-66.6610, 7.7044

■ 219.4820,  
-68.2716, 10.9783

■ 111.5810,  
-55.0094, 3.8755

■ 238.4700,  
-63.3357, 14.4968

■ 88.8330, -43.7947,  
0.1465

■ 241.6620,  
-51.1054, 11.6974

■ 66.3730, -32.7219,  
-4.7121

■ 244.9680,  
-38.4382, 8.7981

■ 44.7990, -22.0859,  
-9.4707

■ 248.1600,  
-26.2079, 5.9987

■ 23.5130, -11.5919,  
-15.3589

■ 251.5800,

■ 6.4570, -3.1833,

-13.1039, 2.9993

-5.6628

254.8860, -0.4368,  
0.1000

■ 0.0000, 0.0000,  
0.0000

■ 160.3050,  
-76.5654, 11.1335

■ 160.3050,  
-76.5654, 11.1335

■ 159.7350,  
-78.7494, 11.6334

■ 162.6560,  
-68.8504, 9.9487

■ 165.1210,  
-60.6987, 8.6639

■ 167.4720,  
-52.9837, 7.4791

■ 170.2360,  
-44.9793, 6.8090

■ 172.5870,  
-37.2644, 5.6242

■ 174.9380,  
-29.5494, 4.4394

■ 177.4030,  
-21.3977, 3.1546

■ 179.7540,  
-13.6827, 1.9697

■ 182.2190, -5.5310,  
0.6849

# Harmonies

## Analogous

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



166.7100, -73.8070, 59.8903



160.3050, -76.5654, 11.1335



151.1590, -38.5324, -54.5134

# Triad

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



160.3050, -76.5654, 11.1335



148.8180, 52.3477, -130.5134



165.2280, 21.5796, 78.7300

# Complementary

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



160.3050, -76.5654, 11.1335



28.6950, 76.5654, -11.1335

# 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.



178.5360, 37.6968, 42.5029



160.3050, -76.5654, 11.1335



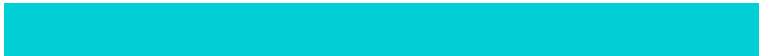
141.7740, 55.8204, -124.3358

# Square

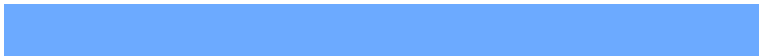
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



160.3050, -76.5654, 11.1335



146.3780, 32.8446, -128.3735



161.1520, 46.2671, -46.6143



155.6010, -7.6913, 87.1729



# Rectangle

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



160.3050, -76.5654, 11.1335



133.2000, -7.4936, -116.8164



161.1520, 46.2671, -46.6143



172.5460, 29.3108, 72.3122

# Sweetspot

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



160.3050, -76.5654, 11.1335



230.5250, -29.8388, 3.9246



63.8040, -28.9904, 105.4119



114.3150, -17.9033, 2.3547



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



160.3050, -76.5654, 11.1335



208.1550, -102.6204, 14.7731



134.2920, -63.7410, -42.3521



90.6750, -3.7838, 0.2850



135.2260, -66.6664, 9.4488



24.2100, -11.9355, 1.5698



# Inverse Universe

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



28.6950, 76.5654, -11.1335



31.8450, 102.6204, -14.7731



54.7080, 63.7410, 42.3521



84.0260, 3.9312, -0.8998



20.7740, 66.6664, -9.4488



3.7900, 11.9355, -1.5698



# Previews

## White Background



This preview shows how the YUV color 160.3050, -76.5654, 11.1335 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 160.3050, -76.5654, 11.1335 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 160.3050, -76.5654, 11.1335

## Background



This preview shows how black text looks on a background with the YUV color 160.3050, -76.5654, 11.1335.



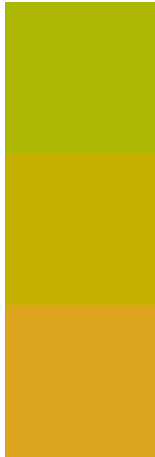
This preview shows how white text looks on a background with the YUV color 160.3050, -76.5654, 11.1335.



# 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

160.3050, -76.5654, 11.1335

### Protanopia

162.5140, -80.1194, 31.1212

### Deuteranopia

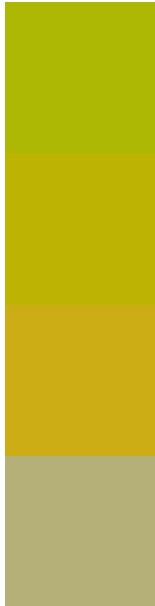
166.9410, -67.5119, 47.4097



## Tritanopia

176.9670, 3.4673, 7.9219

# Trichromacy



## Original Color

160.3050, -76.5654, 11.1335

## Protanomaly

161.8120, -78.7873, 23.8439

## Deuteranomaly

164.9410, -70.9629, 34.2547

## Tritanomaly

170.9970, -25.6345, 8.7726

# Monochromacy



## Original Color

160.3050, -76.5654, 11.1335

## Achromatopsia

160.0000, 0.0000, 0.0000

## Achromatomaly

160.3940, -27.8022, 4.0395

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.3050, -76.5654, 11.1335 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(173, 184, 5)` looks like.

```
.text, #text, p{  
    color:rgb(173, 184, 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(173, 184, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 184, 5) }
```

## Border

The CSS property to change the border of an element to YUV 160.3050, -76.5654, 11.1335 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(173, 184, 5) }
```



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

```
.border{ border-color:rgb(173, 184, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 184, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 184, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 184, 5);  
box-shadow:4px 4px 4px 4px rgb(173, 184,  
5) }
```

# Background

The CSS property to change the background color of an element to YUV 160.3050, -76.5654, 11.1335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 184, 5) }
```

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

```
.background{ background-color: rgb(173,  
184, 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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