

Converting Colors

YUV(155.6080, -29.3867,
-47.8912)

Have a look what the booklet for
YUV(155.6080, -29.3867, -47.8912)
contains.

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Color

**YUV(155.6080, -29.3867,
-47.8912)**

Conversions

Conversions Part 1

Format	Color
Hex	65C360
RGB	101, 195, 96
RGB Percent	40%, 76%, 38%
CMY	0.6039, 0.2353, 0.6235
CMYK	0.48, 0.00, 0.51, 0.24
HSL	117°, 45%, 57%
HSV	117°, 51%, 76%
XYZ	26.9933, 42.6414, 17.8743
YIQ	155.6080, -24.2450, -50.7170

Conversions

Conversions Part 2

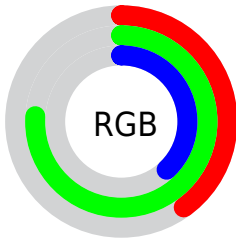
Format	Color
RYB	96, 195, 190
Decimal	6669152
CIELab	71.31, -47.68, 41.03
CIElCh	71, 62.904, 139.292
Yxy	42.6414, 0.3085, 0.4873
Android (android.graphics.Color)	4284859232 (0xFF65C360)
YUV	155.6080, -29.3867, -47.8912
Hunter-Lab	65.3004, -40.4891, 29.4812

Details

The YUV color **155.6080, -29.3867, -47.8912** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **135.3920, 29.3867, 47.8912**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.0380, -31.5707, -47.3913**, and **99.6830, -26.4657, -51.4650** is the 20% darker color. If you saturate the color by 10%, you get **147.7610, -34.8852, -57.6724**, and if you desaturate by 10%, it is **163.5690, -23.4515, -38.2100**.

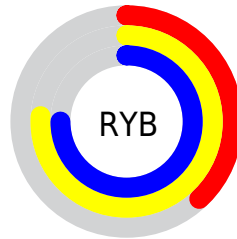
Distribution



Red (40%)

Green (76%)

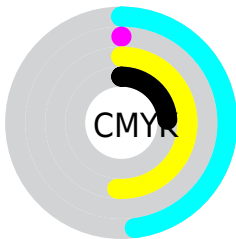
Blue (38%)



Red (38%)

Yellow (76%)

Blue (75%)

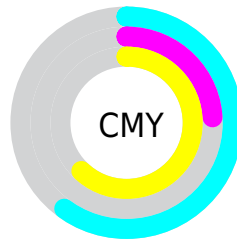


Cyan (48%)

Magenta (0%)

Yellow (51%)

Black (24%)



Cyan (60%)

Magenta (24%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.6080, -29.3867, -47.8912 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 155.6080, -29.3867, -47.8912 by changing the saturation by 10% instead.

■ 155.6080,
-29.3867, -47.8912

■ 155.6080,
-29.3867, -47.8912

■ 255.0000, 0.0000,
0.0000

■ 127.6510,
-27.9289, -48.8059

■ 212.0380,
-31.5707, -47.3913

■ 99.6830, -26.4657,
-51.4650

■ 225.3630,
-24.3360, -34.5214

■ 69.0840, -24.6914,
-60.5867

■ 237.2260,
-16.3804, -19.4922

■ 52.2430, -25.7558,
-45.8171

■ 249.3880, -8.5723,
-3.8483

■ 37.5680, -18.5210,
-32.9471

■ 25.2410, -12.4438,
-22.1364

■ 5.2830, -2.6045,

-4.6332

■ 0.0000, 0.0000,
0.0000

■ 155.6080,
-29.3867, -47.8912

■ 155.6080,
-29.3867, -47.8912

■ 147.7610,
-34.8852, -57.6724

■ 163.5690,
-23.4515, -38.2100

■ 140.0990,
-40.9678, -66.7388

■ 171.1170,
-17.8057, -29.0436

■ 132.1380,
-46.9030, -76.4200

■ 179.0780,
-11.8705, -19.3624

■ 124.5900,
-52.5489, -85.5864

■ 186.6260, -6.2246,
-10.1960

■ 117.4550,
-57.9053, -94.2380

■ 194.5870, -0.2894,
-0.5148

■ 202.1350, 5.3564,
8.6516

■ 209.9820, 10.8549,
18.4328

■ 217.6440, 16.9375,
27.4992

■ 219.7800, 17.3635,
30.8879

Harmonies

Analogous

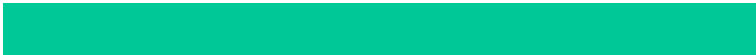
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



164.7490, -53.1203, 4.6051



155.6080, -29.3867, -47.8912



135.2010, 7.7889, -118.5713

Triad

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



155.6080, -29.3867, -47.8912



138.8390, 57.2674, -121.7618



164.9930, -12.3215, 78.9361

Complementary

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



155.6080, -29.3867, -47.8912



135.3920, 29.3867, 47.8912

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.



172.1920, 12.7233, 72.6226



155.6080, -29.3867, -47.8912



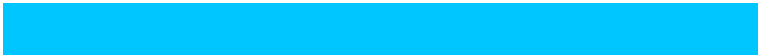
169.2470, 42.2762, -26.5266

Square

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



155.6080, -29.3867, -47.8912



145.2960, 54.0841, -127.4246



180.0040, 34.5080, 38.5845



169.7450, -39.8073, 74.7686

Rectangle

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



155.6080, -29.3867, -47.8912



140.9350, 24.6820, -123.6000



180.0040, 34.5080, 38.5845



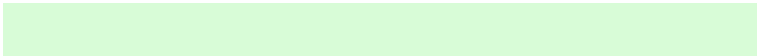
165.9850, -3.4436, 78.0662

Sweetspot

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



155.6080, -29.3867, -47.8912



237.0180, -10.8549, -18.4328



179.6050, -41.2173, 13.5014



118.8000, -6.8034, -11.2256



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.



155.6080, -29.3867, -47.8912



190.7900, -45.7455, -74.3608



159.0150, -9.8674, -55.2642



93.1690, -3.0413, -4.5332



96.8990, -47.7712, -77.9644



19.9690, -9.8447, -15.7588

Inverse Universe

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



135.3920, 29.3867, 47.8912



159.5090, 45.5981, 74.9756



131.9850, 9.8674, 55.2642



90.8310, 3.0413, 4.5332



64.1010, 47.7712, 77.9644



13.0310, 9.8447, 15.7588

Previews

White Background



This preview shows how the YUV color 155.6080, -29.3867, -47.8912 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 155.6080, -29.3867, -47.8912 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 155.6080, -29.3867, -47.8912 Background



This preview shows how black text looks on a background with the YUV color 155.6080, -29.3867, -47.8912.



This preview shows how white text looks on a background with the YUV color 155.6080, -29.3867, -47.8912.

-47.8912.

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

155.6080, -29.3867, -47.8912

Protanopia

169.6920, -39.7812, 19.5641

Deuteranopia

172.2730, -34.1516, 33.9636



Tritanopia

167.1720, 15.6912, -39.6158

Trichromacy



Original Color

155.6080, -29.3867, -47.8912

Protanomaly

164.8630, -35.9215, -5.1419

Deuteranomaly

166.4280, -32.7490, 4.0096

Tritanomaly

162.9100, -0.4486, -42.8941

Monochromacy



Original Color

155.6080, -29.3867, -47.8912

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

155.7300, -10.7129, -17.3032

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.6080, -29.3867, -47.8912 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(101, 195, 96)` looks like.

```
.text, #text, p{  
    color:rgb(101, 195, 96)  
}
```

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(101, 195, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 195, 96) }
```

Border

The CSS property to change the border of an element to YUV 155.6080, -29.3867, -47.8912 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(101, 195, 96) }
```


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

```
.border{ border-color:rgb(101, 195, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 195, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 195, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 195, 96);  
box-shadow:4px 4px 4px 4px rgb(101, 195,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 155.6080, -29.3867, -47.8912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 195, 96) }
```

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

```
.background{ background-color: rgb(101,  
195, 96) }
```

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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