

Converting Colors

YUV(159.6690, -28.4308,
-27.7737)

Have a look what the booklet for
YUV(159.6690, -28.4308, -27.7737)
contains.

YUV(159.6690, -28.4308, -27.7737)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(159.6690, -28.4308,
-27.7737)**

Conversions

Conversions Part 1

Format	Color
Hex	80BB66
RGB	128, 187, 102
RGB Percent	50%, 73%, 40%
CMY	0.4980, 0.2667, 0.6000
CMYK	0.32, 0.00, 0.45, 0.27
HSL	102°, 38%, 57%
HSV	102°, 45%, 73%
XYZ	29.0707, 41.0892, 18.9692
YIQ	159.6690, -7.8790, -38.9430

Conversions

Conversions Part 2

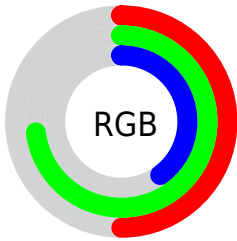
Format	Color
RYB	102, 187, 161
Decimal	8436582
CIELab	70.24, -34.84, 36.99
CIElCh	70, 50.808, 133.287
Yxy	41.0892, 0.3262, 0.4610
Android (android.graphics.Color)	4286626662 (0xFF80BB66)
YUV	159.6690, -28.4308, -27.7737
Hunter-Lab	64.1008, -31.2240, 27.3250

Details

The YUV color **159.6690, -28.4308, -27.7737** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **129.3310, 28.4308, 27.7737**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.5010, -30.3200, -28.5034**, and **106.4240, -26.8310, -27.5588** is the 20% darker color. If you saturate the color by 10%, you get **153.6160, -34.8137, -33.8662**, and if you desaturate by 10%, it is **165.7220, -22.0479, -21.6812**.

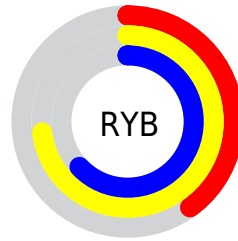
Distribution



Red (50%)

Green (73%)

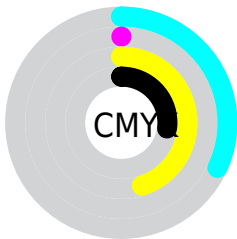
Blue (40%)



Red (40%)

Yellow (73%)

Blue (63%)

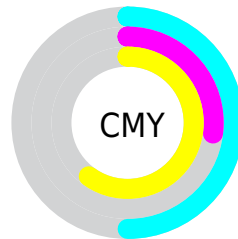


Cyan (32%)

Magenta (0%)

Yellow (45%)

Black (27%)



Cyan (50%)

Magenta (27%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.6690, -28.4308, -27.7737 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 159.6690, -28.4308, -27.7737 by changing the saturation by 10% instead.

■ 159.6690,
-28.4308, -27.7737

■ 159.6690,
-28.4308, -27.7737

■ 255.0000, 0.0000,
0.0000

■ 132.8970,
-27.5572, -27.9737

■ 215.5010,
-30.3200, -28.5034

■ 106.4240,
-26.8310, -27.5588

■ 233.5220,
-25.4003, -19.7518

■ 81.2390, -26.2468,
-28.2736

■ 245.3850,
-17.4448, -4.7226

■ 54.8150, -26.5308,
-30.5328

■ 253.0620, -7.4256,
1.6996

■ 34.6330, -17.0741,
-30.3731

■ 22.3060, -10.9969,
-19.5624

■ 1.1740, -0.5788,

-1.0296

■ 0.0000, 0.0000,
0.0000

■ 159.6690,
-28.4308, -27.7737

■ 159.6690,
-28.4308, -27.7737

■ 153.6160,
-34.8137, -33.8662

■ 165.7220,
-22.0479, -21.6812

■ 147.6770,
-40.7598, -40.0587

■ 171.6610,
-16.1019, -15.4887

■ 141.6240,
-47.1426, -46.1512

■ 177.7140, -9.7190,
-9.3962

■ 135.5710,
-53.5255, -52.2438

■ 183.7670, -3.3361,
-3.3037

■ 129.6320,
-59.4716, -58.4363

■ 189.8200, 3.0467,
2.7889

■ 126.8120,
-62.5183, -61.2251

■ 195.7590, 8.9928,
8.9814

■ 201.8120, 15.3757,
15.0739

■ 207.8650, 21.7586,
21.1664

■ 212.0940, 21.1527,
28.8586

Harmonies

Analogous

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



165.7250, -43.2484, 11.6422



159.6690, -28.4308, -27.7737



145.5540, -0.7661, -81.1699

Triad

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



159.6690, -28.4308, -27.7737



137.0780, 58.1355, -120.2174



171.7580, -9.2477, 73.0032

Complementary

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



159.6690, -28.4308, -27.7737



129.3310, 28.4308, 27.7737

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.



175.4740, 11.5983, 60.0973



159.6690, -28.4308, -27.7737



168.3280, 42.7293, -31.8597

Square

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



159.6690, -28.4308, -27.7737



139.3800, 46.6477, -122.2363



176.8680, 30.6311, 22.0408



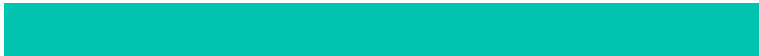
170.9320, -30.0395, 68.4656

Rectangle

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



159.6690, -28.4308, -27.7737



134.5290, 20.4452, -117.9819



176.8680, 30.6311, 22.0408



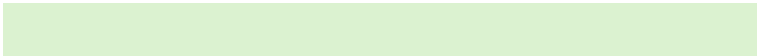
173.4680, -2.6957, 71.5036

Sweetspot

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



159.6690, -28.4308, -27.7737



231.2470, -11.4608, -10.7406



161.4610, -29.3143, 22.3977



115.5340, -6.6723, -6.6073



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



159.6690, -28.4308, -27.7737



199.3300, -44.5327, -43.2624



153.7190, -17.6095, -45.3576



91.1800, -3.0467, -2.7889



107.0980, -52.7993, -51.8289



20.8880, -10.2978, -10.4258

Inverse Universe

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



129.3310, 28.4308, 27.7737



151.6700, 44.5327, 43.2624



135.2810, 17.6095, 45.3576



87.8200, 3.0467, 2.7889



50.9020, 52.7993, 51.8289



9.8130, 10.4452, 9.8110

Previews

White Background



This preview shows how the YUV color 159.6690, -28.4308, -27.7737 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 159.6690, -28.4308, -27.7737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

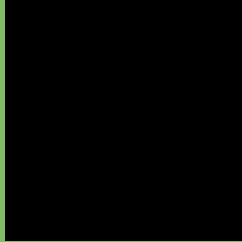
Any Text WCAG AA ✓ Pass

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 159.6690, -28.4308, -27.7737 Background



This preview shows how black text looks on a background with the YUV color 159.6690, -28.4308, -27.7737.



This preview shows how white text looks on a background with the YUV color 159.6690, -28.4308, -27.7737.

-27.7737.

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

159.6690, -28.4308, -27.7737

Protanopia

167.5330, -35.2658, 17.9496

Deuteranopia

169.5870, -30.3624, 31.9342



Tritanopia

168.4300, 11.1270, -22.3021

Trichromacy



Original Color

159.6690, -28.4308, -27.7737

Protanomaly

164.7050, -32.8856, 1.1357

Deuteranomaly

166.2700, -29.7131, 10.2872

Tritanomaly

165.6350, -3.2711, -24.2359

Monochromacy



Original Color

159.6690, -28.4308, -27.7737

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8880, -10.2978, -10.4258

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.6690, -28.4308, -27.7737 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(128, 187, 102)` looks like.

```
.text, #text, p{  
    color:rgb(128, 187, 102)  
}
```

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(128, 187, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 187, 102) }
```

Border

The CSS property to change the border of an element to YUV 159.6690, -28.4308, -27.7737 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(128, 187, 102) }
```


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

```
.border{ border-color:rgb(128, 187, 102) }
```

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

Here you see how a box with a 4 pixel rgb(128, 187, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 187, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 187, 102);  
box-shadow:4px 4px 4px 4px rgb(128, 187,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 159.6690, -28.4308, -27.7737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 187, 102) }
```

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

```
.background{ background-color: rgb(128,  
187, 102) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor