

Converting Colors

YUV(157.4140, -55.4201,
-51.2291)

Have a look what the booklet for
YUV(157.4140, -55.4201, -51.2291)
contains.

YUV(157.4140, -55.4201, -51.2291)	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(157.4140, -55.4201,
-51.2291)**

Conversions

Conversions Part 1

Format	Color
Hex	63D12D
RGB	99, 209, 45
RGB Percent	39%, 82%, 18%
CMY	0.6118, 0.1804, 0.8235
CMYK	0.53, 0.00, 0.78, 0.18
HSL	100°, 65%, 50%
HSV	100°, 78%, 82%
XYZ	28.4197, 48.4430, 10.3352
YIQ	157.4140, -12.9160, -74.3240

Conversions

Conversions Part 2

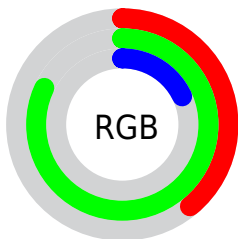
Format	Color
RYB	45, 209, 155
Decimal	6541613
CIELab	75.10, -58.34, 65.84
CIELCh	75, 87.971, 131.543
Yxy	48.4430, 0.3259, 0.5556
Android (android.graphics.Color)	4284731693 (0xFF63D12D)
YUV	157.4140, -55.4201, -51.2291
Hunter-Lab	69.6010, -48.9161, 39.9166

Details

The YUV color **157.4140, -55.4201, -51.2291** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **96.5860, 55.4201, 51.2291**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.0820, -51.8054, -43.9219**, and **97.5850, -48.1094, -62.7800** is the 20% darker color. If you saturate the color by 10%, you get **150.8340, -62.5292, -57.7364**, and if you desaturate by 10%, it is **163.9940, -48.3110, -44.7217**.

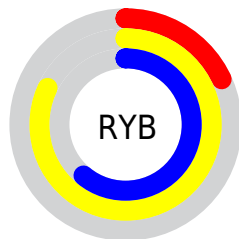
Distribution



Red (39%)

Green (82%)

Blue (18%)



Red (18%)

Yellow (82%)

Blue (61%)

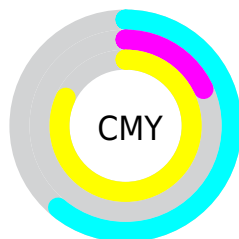


Cyan (53%)

Magenta (0%)

Yellow (78%)

Black (18%)



Cyan (61%)

Magenta (18%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.4140, -55.4201, -51.2291 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 157.4140, -55.4201, -51.2291 by changing the saturation by 10% instead.

■ 157.4140,
-55.4201, -51.2291

■ 157.4140,
-55.4201, -51.2291

■ 255.0000, 0.0000,
0.0000

■ 126.2800,
-62.2560, -51.9886

■ 209.0820,
-51.8054, -43.9219

■ 97.5850, -48.1094,
-62.7800

■ 221.2440,
-43.9973, -28.2780

■ 74.5490, -36.7527,
-65.3795

■ 233.4060,
-36.1892, -12.6341

■ 59.2870, -29.2285,
-51.9947

■ 245.6820,
-27.9442, 2.9099

■ 44.0250, -21.7043,
-38.6099

■ 250.7820,
-16.1615, 3.6992

■ 30.5240, -15.0483,
-26.7695

■ 254.0880, -3.4944,

■ 15.2620, -7.5242,

0.7998

-13.3848

■ 0.0000, 0.0000,
0.0000

■ 157.4140,
-55.4201, -51.2291

■ 157.4140,
-55.4201, -51.2291

■ 150.8340,
-62.5292, -57.7364

■ 163.9940,
-48.3110, -44.7217

■ 144.2540,
-69.6382, -64.2438

■ 170.5740,
-41.2020, -38.2144

■ 143.3140,
-70.6538, -65.1734

■ 177.1540,
-34.0929, -31.7071

■ 183.7340,
-26.9839, -25.1997

■ 190.3140,
-19.8748, -18.6924

■ 196.7800,
-13.2025, -12.0851

■ 203.3600, -6.0935,
-5.5777

■ 209.9400, 1.0156,
0.9296

■ 216.5200, 8.1246,
7.4370

Harmonies

Analogous

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



169.8240, -83.7232, 20.3254



157.4140, -55.4201, -51.2291



142.7860, -6.3035, -125.2233

Triad

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



157.4140, -55.4201, -51.2291



151.1660, 51.1902, -132.5726



149.9080, 3.4964, 92.1657

Complementary

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



157.4140, -55.4201, -51.2291



96.5860, 55.4201, 51.2291

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.



166.7730, 35.1149, 77.3751



157.4140, -55.4201, -51.2291



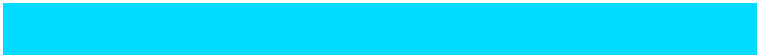
137.0780, 58.1355, -120.2174

Square

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



157.4140, -55.4201, -51.2291



157.6230, 48.0069, -138.2354



183.8190, 35.0922, 37.8697



158.7400, -38.8188, 84.4200

Rectangle

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



157.4140, -55.4201, -51.2291



151.0450, 17.7258, -132.4665



183.8190, 35.0922, 37.8697



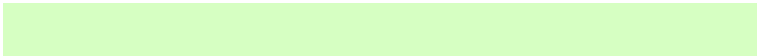
152.3990, 15.5793, 89.9811

Sweetspot

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



157.4140, -55.4201, -51.2291



235.7870, -20.6010, -19.1072



158.0190, -55.7184, 44.7103



116.3070, -12.4764, -11.6702



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.



157.4140, -55.4201, -51.2291



179.5010, -81.0990, -74.9844



144.3460, -35.6666, -87.1264



101.6530, -3.7729, -3.2037



115.0610, -56.7251, -52.6735



27.9540, -13.7813, -13.1147

Inverse Universe

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



96.5860, 55.4201, 51.2291



90.4990, 81.0990, 74.9844



109.6540, 35.6666, 87.1264



97.3470, 3.7729, 3.2037



52.9390, 56.7251, 52.6735



12.7470, 13.9287, 12.4999

Previews

White Background



This preview shows how the YUV color 157.4140, -55.4201, -51.2291 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 157.4140, -55.4201, -51.2291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

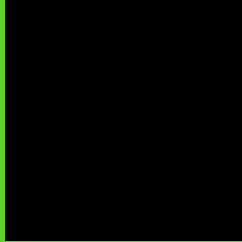
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

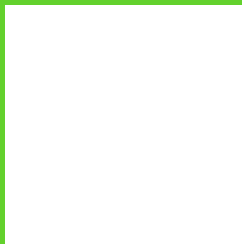
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 157.4140, -55.4201, -51.2291 Background



This preview shows how black text looks on a background with the YUV color 157.4140, -55.4201, -51.2291.



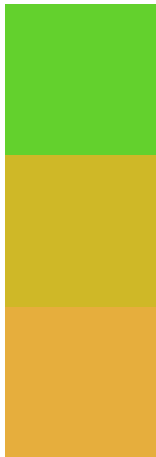
This preview shows how white text looks on a background with the YUV color 157.4140, -55.4201, -51.2291.

-51.2291.

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

157.4140, -55.4201, -51.2291

Protanopia

174.3470, -66.7261, 28.6367

Deuteranopia

177.8620, -57.6130, 45.7250



Tritanopia

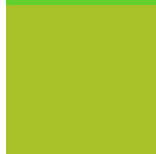
176.6770, 16.4282, -42.6897

Trichromacy



Original Color

157.4140, -55.4201, -51.2291



Protanomaly

168.1970, -62.7081, -0.1728



Deuteranomaly

170.4570, -56.9203, 10.1232



Tritanomaly

169.4830, -9.6051, -46.0276

Monochromacy



Original Color

157.4140, -55.4201, -51.2291



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.2000, -20.3116, -18.5924

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.4140, -55.4201, -51.2291 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(99, 209, 45)` looks like.

```
.text, #text, p{  
    color:rgb(99, 209, 45)  
}
```

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(99, 209, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 209, 45) }
```

Border

The CSS property to change the border of an element to YUV 157.4140, -55.4201, -51.2291 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(99, 209, 45) }
```


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

```
.border{ border-color:rgb(99, 209, 45) }
```

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

Here you see how a box with a 4 pixel rgb(99, 209, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 209, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 209, 45);  
box-shadow:4px 4px 4px 4px rgb(99, 209,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 157.4140, -55.4201, -51.2291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 209, 45) }
```

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

```
.background{ background-color: rgb(99, 209,  
45) }
```

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