

Converting Colors

YUV(157.5040, -11.5875,
-63.5860)

Have a look what the booklet for
YUV(157.5040, -11.5875, -63.5860)
contains.

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Color

**YUV(157.5040, -11.5875,
-63.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	55C786
RGB	85, 199, 134
RGB Percent	33%, 78%, 53%
CMY	0.6667, 0.2196, 0.4745
CMYK	0.57, 0.00, 0.33, 0.22
HSL	146°, 50%, 56%
HSV	146°, 57%, 78%
XYZ	28.4728, 44.4994, 29.6428
YIQ	157.5040, -47.0790, -44.3830

Conversions

Conversions Part 2

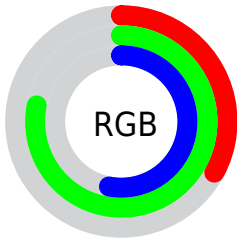
Format	Color
RYB	85, 165, 199
Decimal	5621638
CIELab	72.56, -47.17, 23.07
CIELCh	73, 52.512, 153.941
Yxy	44.4994, 0.2775, 0.4337
Android (android.graphics.Color)	4283811718 (0xFF55C786)
YUV	157.5040, -11.5875, -63.5860
Hunter-Lab	66.7079, -40.5498, 20.3489

Details

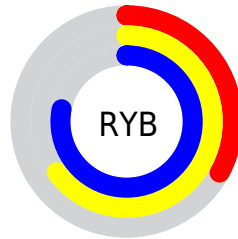
The YUV color **157.5040, -11.5875, -63.5860** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **126.4960, 11.5875, 63.5860**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.8740, -12.7559, -62.1565**, and **95.5990, -5.7183, -79.4553** is the 20% darker color. If you saturate the color by 10%, you get **150.2700, -13.4441, -74.7818**, and if you desaturate by 10%, it is **164.7380, -9.7308, -52.3902**.

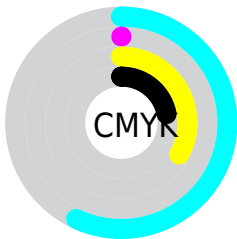
Distribution



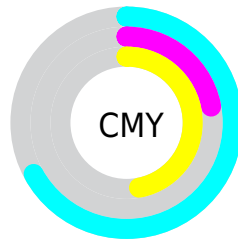
- Red (33%)
- Green (78%)
- Blue (53%)



- Red (33%)
- Yellow (65%)
- Blue (78%)



- Cyan (57%)
- Magenta (0%)
- Yellow (33%)
- Black (22%)



- Cyan (67%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.5040, -11.5875, -63.5860 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 157.5040, -11.5875, -63.5860 by changing the saturation by 10% instead.

■ 157.5040,
-11.5875, -63.5860

■ 157.5040,
-11.5875, -63.5860

■ 255.0000, 0.0000,
0.0000

■ 128.5360,
-10.1242, -66.2451

■ 213.8740,
-12.7559, -62.1565

■ 95.5990, -5.7183,
-79.4553

■ 225.6230, -5.2371,
-47.0274

■ 76.1060, -7.9403,
-66.7450

■ 237.6000, 3.1552,
-32.0982

■ 58.3360, -10.0256,
-51.1607

■ 247.8240, 3.5378,
-14.7546

■ 41.1530, -12.4004,
-36.0912

■ 26.4150, -13.0226,
-23.1660

■ 9.3920, -4.6303,

-8.2368

■ 0.0000, 0.0000,
0.0000

■ 157.5040,
-11.5875, -63.5860

■ 157.5040,
-11.5875, -63.5860

■ 150.2700,
-13.4441, -74.7818

■ 164.7380, -9.7308,
-52.3902

■ 142.9220,
-15.7375, -85.8776

■ 172.0860, -7.4374,
-41.2944

■ 135.6880,
-17.5942, -97.0734

■ 179.3200, -5.5808,
-30.0986

■ 128.4540,
-19.4508, -108.2692

■ 186.5540, -3.7241,
-18.9029

■ 126.6170,
-20.0242, -111.0431

■ 193.9020, -1.4307,
-7.8071

■ 200.8370, 0.5734,
2.7740

■ 208.0710, 2.4300,
13.9697

■ 215.4190, 4.7234,
25.0655

■ 219.9620, 7.9067,
30.7283

Harmonies

Analogous

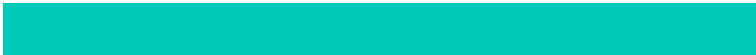
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.7970, -35.8889, -15.6080



157.5040, -11.5875, -63.5860



139.4360, 21.4771, -122.2854

Triad

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



157.5040, -11.5875, -63.5860



166.7120, 43.5260, -54.1214



175.2510, -23.7877, 69.9399

Complementary

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



157.5040, -11.5875, -63.5860



126.4960, 11.5875, 63.5860

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.



176.3860, -1.6693, 68.9445



157.5040, -11.5875, -63.5860



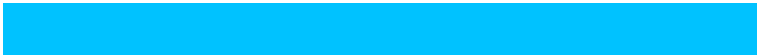
181.5610, 36.2054, 7.4010

Square

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



157.5040, -11.5875, -63.5860



142.9480, 55.2416, -125.3654



182.6670, 18.8982, 52.0350



176.1680, -41.4948, 55.9807

Rectangle

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



157.5040, -11.5875, -63.5860



143.0840, 35.4546, -125.4847



182.6670, 18.8982, 52.0350



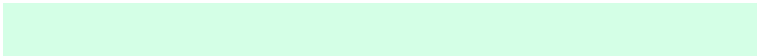
174.6130, -16.0782, 70.4994

Sweetspot

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



157.5040, -11.5875, -63.5860



239.2930, -4.5814, -23.9360



171.9510, -42.8668, -17.4970



118.5160, -2.7194, -14.4845



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.



157.5040, -11.5875, -63.5860



190.9760, -17.7362, -98.2030



163.8880, 12.8732, -69.1848



95.7390, -0.8573, -5.0331



103.6610, -16.5949, -90.9107



22.8420, -3.8661, -20.0324

Inverse Universe

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



126.4960, 11.5875, 63.5860



143.0240, 17.7362, 98.2030



120.1120, -12.8732, 69.1848



93.2610, 0.8573, 5.0331



59.3390, 16.5949, 90.9107



13.0440, 3.4293, 20.1324

Previews

White Background



This preview shows how the YUV color 157.5040, -11.5875, -63.5860 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 157.5040, -11.5875, -63.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

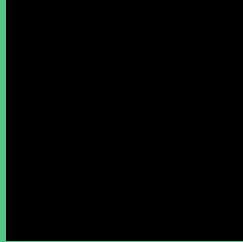
Any Text WCAG AA ✓ Pass

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 157.5040, -11.5875, -63.5860 Background



This preview shows how black text looks on a background with the YUV color 157.5040, -11.5875, -63.5860.



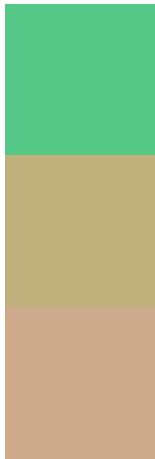
This preview shows how white text looks on a background with the YUV color 157.5040, -11.5875, -63.5860.

-63.5860.

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

157.5040, -11.5875, -63.5860

Protanopia

175.1440, -25.2140, 13.9057

Deuteranopia

177.4580, -17.9738, 25.0313



Tritanopia

166.5940, 18.9342, -53.1409

Trichromacy



Original Color

157.5040, -11.5875, -63.5860



Protanomaly

168.6350, -20.0331, -14.5889



Deuteranomaly

170.4170, -15.9816, -7.3817



Tritanomaly

162.9990, 7.8885, -57.0041

Monochromacy



Original Color

157.5040, -11.5875, -63.5860



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.7060, -4.2921, -23.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.5040, -11.5875, -63.5860 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(85, 199, 134)` looks like.

```
.text, #text, p{  
    color:rgb(85, 199, 134)  
}
```

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(85, 199, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 199, 134) }
```

Border

The CSS property to change the border of an element to YUV 157.5040, -11.5875, -63.5860 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(85, 199, 134) }
```


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

```
.border{ border-color:rgb(85, 199, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 199, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 199, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 199, 134);  
box-shadow:4px 4px 4px 4px rgb(85, 199,  
134) }
```

Background

The CSS property to change the background color of an element to YUV 157.5040, -11.5875, -63.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 199, 134) }
```

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

```
.background{ background-color: rgb(85, 199,  
134) }
```

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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