

Converting Colors

YUV(157.7070, -19.5756,
-68.1490)

Have a look what the booklet for
YUV(157.7070, -19.5756, -68.1490)
contains.

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Color

**YUV(157.7070, -19.5756,
-68.1490)**

Conversions

Conversions Part 1

Format	Color
Hex	50CD76
RGB	80, 205, 118
RGB Percent	31%, 80%, 46%
CMY	0.6863, 0.1961, 0.5373
CMYK	0.61, 0.00, 0.42, 0.20
HSL	138°, 56%, 56%
HSV	138°, 61%, 80%
XYZ	28.4096, 46.6761, 24.6516
YIQ	157.7070, -46.5730, -53.5570

Conversions

Conversions Part 2

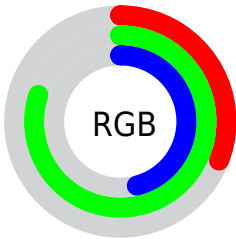
Format	Color
RYB	80, 176, 205
Decimal	5295478
CIELab	73.98, -53.55, 33.24
CIELCh	74, 63.028, 148.166
Yxy	46.6761, 0.2848, 0.4680
Android (android.graphics.Color)	4283485558 (0xFF50CD76)
YUV	157.7070, -19.5756, -68.1490
Hunter-Lab	68.3199, -45.3339, 26.4306

Details

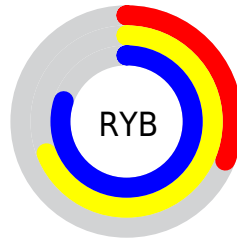
The YUV color **157.7070, -19.5756, -68.1490** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **127.2930, 19.5756, 68.1490**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0390, -19.7392, -62.3012**, and **95.8020, -13.7064, -84.0184** is the 20% darker color. If you saturate the color by 10%, you get **150.1310, -22.7426, -79.0449**, and if you desaturate by 10%, it is **165.5820, -16.5559, -56.6384**.

Distribution



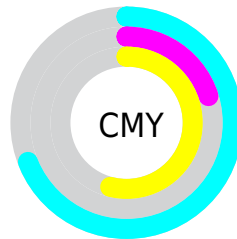
- Red (31%)
- Green (80%)
- Blue (46%)



- Red (31%)
- Yellow (69%)
- Blue (80%)



- Cyan (61%)
- Magenta (0%)
- Yellow (42%)
- Black (20%)



- Cyan (69%)
- Magenta (20%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.7070, -19.5756, -68.1490 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 157.7070, -19.5756, -68.1490 by changing the saturation by 10% instead.

■ 157.7070,
-19.5756, -68.1490

■ 157.7070,
-19.5756, -68.1490

■ 255.0000, 0.0000,
0.0000

■ 128.2550,
-17.3807, -72.1376

■ 211.0390,
-19.7392, -62.3012

■ 95.8020, -13.7064,
-84.0184

■ 222.9020,
-11.7837, -47.2721

■ 77.2170, -16.3760,
-67.7193

■ 235.0640, -3.9756,
-31.6281

■ 59.2190, -19.3350,
-51.9351

■ 247.2260, 3.8326,
-15.9842

■ 42.2640, -20.8362,
-37.0655

■ 28.7630, -14.1802,
-25.2252

■ 12.9140, -6.3666,

-11.3256

■ 0.0000, 0.0000,
0.0000

■ 157.7070,
-19.5756, -68.1490

■ 157.7070,
-19.5756, -68.1490

■ 150.1310,
-22.7426, -79.0449

■ 165.5820,
-16.5559, -56.6384

■ 142.1420,
-26.1990, -90.4555

■ 173.2720,
-12.9521, -45.8425

■ 134.5660,
-29.3660, -101.3514

■ 181.1470, -9.9325,
-34.3319

■ 127.4030,
-32.2437, -111.7324

■ 188.7230, -6.7654,
-23.4361

■ 196.5980, -3.7458,
-11.9254

■ 204.2880, -0.1420,
-1.1296

■ 212.1630, 2.8776,
10.3810

■ 219.7390, 6.0447,
21.2769

■ 224.6240, 10.5384,
26.6398

Harmonies

Analogous

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



170.3280, -47.9827, -9.9347



157.7070, -19.5756, -68.1490



143.3340, 16.1043, -125.7039

Triad

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



157.7070, -19.5756, -68.1490



140.0130, 56.6886, -122.7914



171.0110, -19.7254, 73.6584

Complementary

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



157.7070, -19.5756, -68.1490



127.2930, 19.5756, 68.1490

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.



173.9870, 6.9084, 71.0484



157.7070, -19.5756, -68.1490



180.6090, 36.6748, -3.1651

Square

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



157.7070, -19.5756, -68.1490



148.2310, 52.6371, -129.9986



186.7950, 28.2021, 54.5538



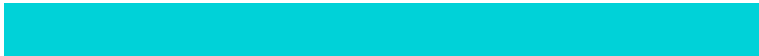
177.2790, -46.4795, 68.1613

Rectangle

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



157.7070, -19.5756, -68.1490



147.8940, 33.5763, -129.7030



186.7950, 28.2021, 54.5538



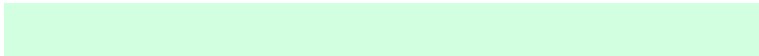
170.1280, -10.4161, 74.4327

Sweetspot

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



157.7070, -19.5756, -68.1490



237.5980, -7.1968, -25.0804



179.6870, -49.1457, -10.2495



117.0490, -4.4612, -15.8290



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.



157.7070, -19.5756, -68.1490



184.5660, -29.3660, -101.3514



164.7750, 7.5059, -74.3477



98.2120, -1.5835, -5.4479



103.1420, -26.1990, -90.4555



23.6740, -5.7553, -20.7621

Inverse Universe

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



127.2930, 19.5756, 68.1490



139.3200, 28.9292, 101.4514



120.2250, -7.5059, 74.3477



95.7880, 1.5835, 5.4479



62.7440, 25.7622, 90.5555



14.4400, 6.1921, 20.6621

Previews

White Background



This preview shows how the YUV color 157.7070, -19.5756, -68.1490 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 157.7070, -19.5756, -68.1490 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 157.7070, -19.5756, -68.1490 Background



This preview shows how black text looks on a background with the YUV color 157.7070, -19.5756, -68.1490.



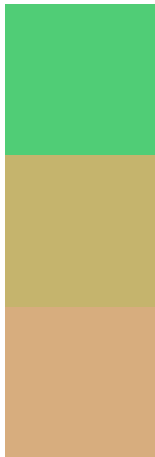
This preview shows how white text looks on a background with the YUV color 157.7070, -19.5756, -68.1490.

-68.1490.

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

157.7070, -19.5756, -68.1490

Protanopia

176.9890, -33.5186, 17.5496

Deuteranopia

180.2000, -26.7206, 30.5196



Tritanopia

169.8110, 19.8132, -55.0852

Trichromacy



Original Color

157.7070, -19.5756, -68.1490



Protanomaly

169.7570, -28.4742, -13.8189



Deuteranomaly

172.2510, -24.2807, -5.4821



Tritanomaly

165.4070, 5.7153, -59.9929

Monochromacy



Original Color

157.7070, -19.5756, -68.1490



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

157.8970, -7.3442, -24.4657

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.7070, -19.5756, -68.1490 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(80, 205, 118)` looks like.

```
.text, #text, p{  
    color:rgb(80, 205, 118)  
}
```

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(80, 205, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 205, 118) }
```

Border

The CSS property to change the border of an element to YUV 157.7070, -19.5756, -68.1490 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(80, 205, 118) }
```


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

```
.border{ border-color:rgb(80, 205, 118) }
```

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

Here you see how a box with a 4 pixel rgb(80, 205, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 205, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 205, 118);  
box-shadow:4px 4px 4px 4px rgb(80, 205,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 157.7070, -19.5756, -68.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 205, 118) }
```

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

```
.background{ background-color: rgb(80, 205,  
118) }
```

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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