

Converting Colors

YUV(179.7580, -60.5197,
-48.8998)

Have a look what the booklet for
YUV(179.7580, -60.5197, -48.8998)
contains.

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Color

**YUV(179.7580, -60.5197,
-48.8998)**

Conversions

Conversions Part 1

Format	Color
Hex	7CE839
RGB	124, 232, 57
RGB Percent	49%, 91%, 22%
CMY	0.5137, 0.0902, 0.7765
CMYK	0.47, 0.00, 0.75, 0.09
HSL	97°, 79%, 57%
HSV	97°, 75%, 91%
XYZ	37.9073, 62.2937, 13.8969
YIQ	179.7580, -8.1930, -77.3210

Conversions

Conversions Part 2

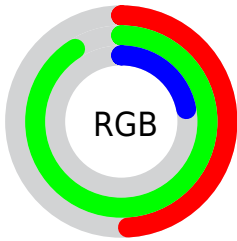
Format	Color
RYB	57, 232, 165
Decimal	8185913
CIELab	83.07, -58.98, 70.11
CIELCh	83, 91.621, 130.071
Yxy	62.2937, 0.3322, 0.5460
Android (android.graphics.Color)	4286375993 (0xFF7CE839)
YUV	179.7580, -60.5197, -48.8998
Hunter-Lab	78.9264, -52.3899, 44.8090

Details

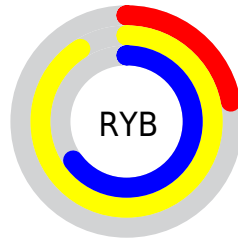
The YUV color **179.7580, -60.5197, -48.8998** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **109.2420, 60.5197, 48.8998**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.9250, -50.2490, -29.7522**, and **120.6650, -59.4878, -53.2032** is the 20% darker color. If you saturate the color by 10%, you get **172.9500, -68.5024, -55.2072**, and if you desaturate by 10%, it is **186.5660, -52.5370, -42.5924**.

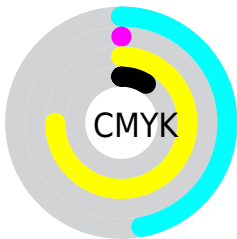
Distribution



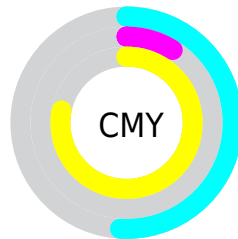
- Red (49%)
- Green (91%)
- Blue (22%)



- Red (22%)
- Yellow (91%)
- Blue (65%)



- Cyan (47%)
- Magenta (0%)
- Yellow (75%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.7580, -60.5197, -48.8998 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 179.7580, -60.5197, -48.8998 by changing the saturation by 10% instead.

■ 179.7580,
-60.5197, -48.8998

■ 179.7580,
-60.5197, -48.8998

■ 255.0000, 0.0000,
0.0000

■ 148.9060,
-65.0297, -49.0296

■ 217.9250,
-50.2490, -29.7522

■ 120.6650,
-59.4878, -53.2032

■ 230.0870,
-42.4409, -14.1083

■ 89.5670, -44.1565,
-70.6573

■ 242.6620,
-34.3434, 2.0504

■ 71.0270, -35.0163,
-62.2907

■ 248.9580,
-23.1503, 5.2988

■ 56.3520, -27.7815,
-49.4207

■ 252.2640,
-10.4832, 2.3995

■ 41.0900, -20.2574,
-36.0359

■ 28.1760, -13.8908,

-24.7104

■ 11.1530, -5.4984,
-9.7812

■ 0.0000, 0.0000,
0.0000

■ 179.7580,
-60.5197, -48.8998

■ 179.7580,
-60.5197, -48.8998

■ 172.9500,
-68.5024, -55.2072

■ 186.5660,
-52.5370, -42.5924

■ 165.8430,
-76.3376, -62.1293

■ 193.6730,
-44.7018, -35.6702

■ 162.7950,
-80.2579, -64.7182

■ 200.5950,
-36.2823, -29.4628

■ 207.4030,
-28.2997, -23.1554

■ 214.5100,
-20.4644, -16.2333

■ 221.3180,
-12.4818, -9.9259

■ 228.1260, -4.4991,
-3.6185

■ 235.3470, 3.7729,
3.2037

■ 240.9010, 6.9508,
10.6108

Harmonies

Analogous

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



190.2240, -93.7804, 26.1136



179.7580, -60.5197, -48.8998



158.4700, -7.1337, -138.9782

Triad

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



179.7580, -60.5197, -48.8998



165.2540, 44.2448, -144.9278



164.4980, 8.6285, 79.3703

Complementary

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



179.7580, -60.5197, -48.8998



109.2420, 60.5197, 48.8998

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.



181.0380, 36.4633, 64.8647



179.7580, -60.5197, -48.8998



151.1660, 51.1902, -132.5726

Square

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



179.7580, -60.5197, -48.8998



172.2980, 40.7721, -151.1053



202.4140, 25.9249, 38.2249



170.9990, -35.0025, 73.6689

Rectangle

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



179.7580, -60.5197, -48.8998



167.7720, 18.3534, -147.1360



202.4140, 25.9249, 38.2249



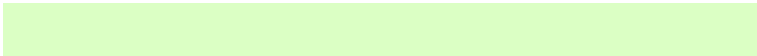
167.1030, 21.1482, 77.0857

Sweetspot

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



179.7580, -60.5197, -48.8998



237.5100, -20.4644, -16.2333



172.7210, -57.0505, 51.9877



117.0190, -12.3344, -10.5407



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.



179.7580, -60.5197, -48.8998



185.7950, -80.2579, -64.7182



162.0050, -41.9075, -92.0894



111.5390, -4.2097, -3.1037



125.4050, -61.8247, -50.3442



35.9170, -17.7071, -13.9592

Inverse Universe

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



109.2420, 60.5197, 48.8998



92.2050, 80.2579, 64.7182



126.9950, 41.9075, 92.0894



106.4610, 4.2097, 3.1037



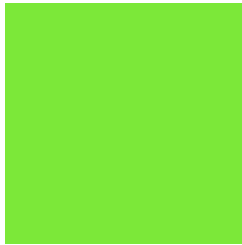
53.2960, 61.9721, 49.7294



15.0830, 17.7071, 13.9592

Previews

White Background



This preview shows how the YUV color 179.7580, -60.5197, -48.8998 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 179.7580, -60.5197, -48.8998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

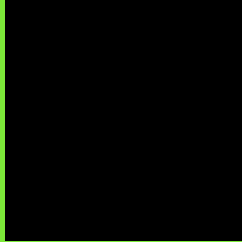
Any Text WCAG AA ✓ Pass

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 179.7580, -60.5197, -48.8998 Background



This preview shows how black text looks on a background with the YUV color 179.7580, -60.5197, -48.8998.



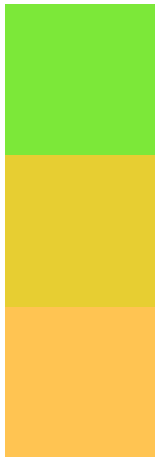
This preview shows how white text looks on a background with the YUV color 179.7580, -60.5197, -48.8998.

-48.8998.

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

179.7580, -60.5197, -48.8998

Protanopia

195.6910, -71.8257, 30.9660

Deuteranopia

200.6450, -58.4920, 47.6693



Tritanopia

198.9160, 17.2964, -41.1453

Trichromacy



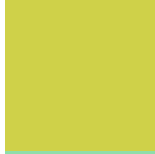
Original Color

179.7580, -60.5197, -48.8998



Protanomaly

189.6550, -67.3709, 2.0566



Deuteranomaly

192.8980, -59.1097, 12.3675



Tritanomaly

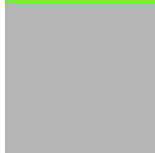
192.1520, -10.9209, -43.9833

Monochromacy



Original Color

179.7580, -60.5197, -48.8998



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.0430, -22.2062, -17.5777

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.7580, -60.5197, -48.8998 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(124, 232, 57)` looks like.

```
.text, #text, p{  
    color:rgb(124, 232, 57)  
}
```

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(124, 232, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 232, 57) }
```

Border

The CSS property to change the border of an element to YUV 179.7580, -60.5197, -48.8998 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(124, 232, 57) }
```


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

```
.border{ border-color:rgb(124, 232, 57) }
```

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

Here you see how a box with a 4 pixel rgb(124, 232, 57) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 232, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 232, 57);  
box-shadow:4px 4px 4px 4px rgb(124, 232,  
57) }
```

Background

The CSS property to change the background color of an element to YUV 179.7580, -60.5197, -48.8998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 232, 57) }
```

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

```
.background{ background-color: rgb(124,  
232, 57) }
```

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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