

Converting Colors

YUV(174.2480, -46.9573,
-58.9765)

Have a look what the booklet for
YUV(174.2480, -46.9573, -58.9765)
contains.

YUV(174.2480, -46.9573, -58.9765)	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(174.2480, -46.9573,
-58.9765)**

Conversions

Conversions Part 1

Format	Color
Hex	6BE34F
RGB	107, 227, 79
RGB Percent	42%, 89%, 31%
CMY	0.5804, 0.1098, 0.6902
CMYK	0.53, 0.00, 0.65, 0.11
HSL	109°, 73%, 60%
HSV	109°, 65%, 89%
XYZ	34.9438, 58.6285, 16.8718
YIQ	174.2480, -24.0120, -71.4680

Conversions

Conversions Part 2

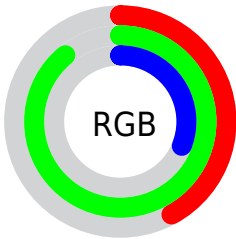
Format	Color
RYB	79, 227, 199
Decimal	7070543
CIELab	81.09, -60.29, 59.97
CIElCh	81, 85.034, 135.152
Yxy	58.6285, 0.3164, 0.5308
Android (android.graphics.Color)	4285260623 (0xFF6BE34F)
YUV	174.2480, -46.9573, -58.9765
Hunter-Lab	76.5692, -52.5344, 40.5341

Details

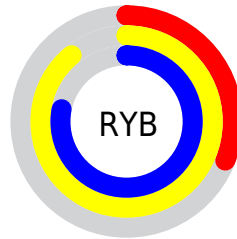
The YUV color **174.2480, -46.9573, -58.9765** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **131.7520, 46.9573, 58.9765**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8940, -39.8807, -42.0030**, and **112.4490, -48.5354, -66.1688** is the 20% darker color. If you saturate the color by 10%, you get **166.2440, -54.3503, -67.7430**, and if you desaturate by 10%, it is **182.2520, -39.5642, -50.2100**.

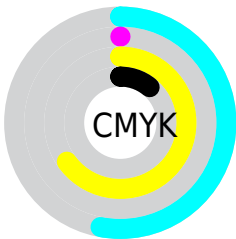
Distribution



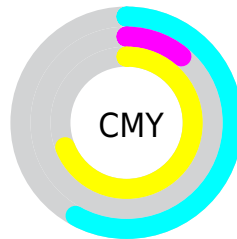
- Red (42%)
- Green (89%)
- Blue (31%)



- Red (31%)
- Yellow (89%)
- Blue (78%)



- Cyan (53%)
- Magenta (0%)
- Yellow (65%)
- Black (11%)



- Cyan (58%)
- Magenta (11%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.2480, -46.9573, -58.9765 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 174.2480, -46.9573, -58.9765 by changing the saturation by 10% instead.

■ 174.2480,
-46.9573, -58.9765

■ 174.2480,
-46.9573, -58.9765

255.0000, 0.0000,
0.0000

■ 144.3510,
-46.5150, -60.8208

■ 214.8940,
-39.8807, -42.0030

■ 112.4490,
-48.5354, -66.1688

■ 227.0560,
-32.0726, -26.3591

■ 83.9410, -41.3829,
-73.6163

■ 239.2180,
-24.2645, -10.7152

■ 68.6790, -33.8587,
-60.2315

■ 250.8960,
-15.7247, 3.5992

■ 53.4170, -26.3346,
-46.8467

■ 254.2020, -3.0576,
0.6998

■ 38.7420, -19.0998,
-33.9767

■ 25.2410, -12.4438,

-22.1364

■ 4.1090, -2.0257,
-3.6036

■ 0.0000, 0.0000,
0.0000

■ 174.2480,
-46.9573, -58.9765

■ 174.2480,
-46.9573, -58.9765

■ 166.2440,
-54.3503, -67.7430

■ 182.2520,
-39.5642, -50.2100

■ 158.0550,
-61.1591, -77.2242


■ 190.4410,
-32.7554, -40.7288


■ 150.0510,
-68.5521, -85.9907

■ 198.4450,
-25.3624, -31.9623

■ 146.1060,
-72.0303, -90.4240

■ 206.7480,
-18.1168, -22.5810

 214.7520,
-10.7237, -13.8145

 222.6420, -3.7675,
-4.9480

 230.9450, 3.4781,
4.4332

 238.2650, 8.2504,
13.7996

 238.5640, 8.1029,
14.4144

Harmonies

Analogous

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



183.6680, -90.5483, 16.0772



174.2480, -46.9573, -58.9765



156.5440, 0.7178, -137.2891

Triad

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



174.2480, -46.9573, -58.9765



159.3840, 47.1387, -139.7798



166.5550, -1.2596, 77.5663

Complementary

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



174.2480, -46.9573, -58.9765



131.7520, 46.9573, 58.9765

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.



178.6100, 32.2373, 66.9940



174.2480, -46.9573, -58.9765



177.3000, 38.3061, -59.8991

Square

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



174.2480, -46.9573, -58.9765



167.0150, 43.3766, -146.4722



199.8220, 27.2028, 48.3911



174.0820, -40.9594, 70.9651

Rectangle

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



174.2480, -46.9573, -58.9765



163.9880, 24.1629, -143.8175



199.8220, 27.2028, 48.3911



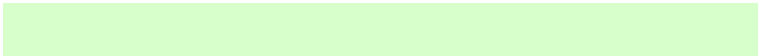
167.8720, 11.4021, 76.4113

Sweetspot

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



174.2480, -46.9573, -58.9765



236.9270, -16.2330, -20.1070



192.5180, -55.9644, 30.2407



116.9910, -9.8556, -12.2701



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.



174.2480, -46.9573, -58.9765



184.1750, -63.1903, -79.0835



170.8920, -23.6108, -80.5893



110.6420, -3.7675, -4.9480



115.2390, -56.8128, -71.2466



32.9270, -16.2330, -20.1070

Inverse Universe

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



131.7520, 46.9573, 58.9765



126.8250, 63.1903, 79.0835



135.1080, 23.6108, 80.5893



107.3580, 3.7675, 4.9480



63.7610, 56.8128, 71.2466



18.0730, 16.2330, 20.1070

Previews

White Background



This preview shows how the YUV color 174.2480, -46.9573, -58.9765 looks on a white background.

Color Contrast Check

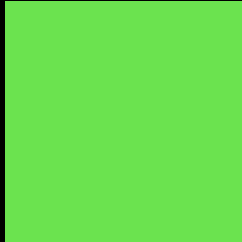
Large Text (above 18pt) WCAG AA × Fail

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 174.2480, -46.9573, -58.9765 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 174.2480, -46.9573, -58.9765 Background



This preview shows how black text looks on a background with the YUV color 174.2480, -46.9573, -58.9765.



This preview shows how white text looks on a background with the YUV color 174.2480, -46.9573, -58.9765.

-58.9765.

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

174.2480, -46.9573, -58.9765

Protanopia

192.2850, -59.3005, 26.9371

Deuteranopia

195.7570, -51.6452, 44.9401



Tritanopia

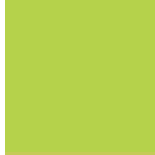
191.5130, 18.4811, -47.8079

Trichromacy



Original Color

174.2480, -46.9573, -58.9765



Protanomaly

185.9390, -54.6929, -4.3315



Deuteranomaly

187.6830, -49.6367, 7.2940



Tritanomaly

184.8890, -5.3683, -51.6457

Monochromacy



Original Color

174.2480, -46.9573, -58.9765



Achromatopsia

174.0000, 0.0000, 0.0000



Achromatomaly

173.9870, -17.2486, -21.0366

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.2480, -46.9573, -58.9765 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(107, 227, 79)` looks like.

```
.text, #text, p{  
    color:rgb(107, 227, 79)  
}
```

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(107, 227, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 227, 79) }
```

Border

The CSS property to change the border of an element to YUV 174.2480, -46.9573, -58.9765 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(107, 227, 79) }
```


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

```
.border{ border-color:rgb(107, 227, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 227, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 227, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 227, 79);  
box-shadow:4px 4px 4px 4px rgb(107, 227,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 174.2480, -46.9573, -58.9765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 227, 79) }
```

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

```
.background{ background-color: rgb(107,  
227, 79) }
```

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