

Converting Colors

YUV(179.3870, -54.4208,
-45.0664)

Have a look what the booklet for
YUV(179.3870, -54.4208, -45.0664)
contains.

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Color

**YUV(179.3870, -54.4208,
-45.0664)**

Conversions

Conversions Part 1

Format	Color
Hex	80E345
RGB	128, 227, 69
RGB Percent	50%, 89%, 27%
CMY	0.4980, 0.1098, 0.7294
CMYK	0.44, 0.00, 0.70, 0.11
HSL	98°, 74%, 58%
HSV	98°, 70%, 89%
XYZ	37.4453, 59.9570, 15.2295
YIQ	179.3870, -8.2860, -70.1260

Conversions

Conversions Part 2

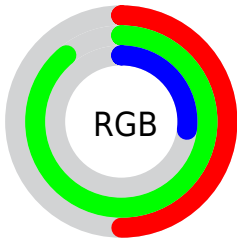
Format	Color
RYB	69, 227, 168
Decimal	8446789
CIELab	81.81, -55.07, 64.83
CIELCh	82, 85.064, 130.349
Yxy	59.9570, 0.3325, 0.5323
Android (android.graphics.Color)	4286636869 (0xFF80E345)
YUV	179.3870, -54.4208, -45.0664
Hunter-Lab	77.4319, -49.1850, 42.5410

Details

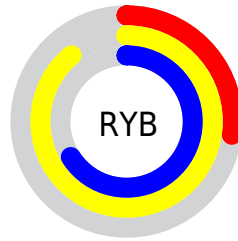
The YUV color **179.3870, -54.4208, -45.0664** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **116.6130, 54.4208, 45.0664**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **219.8480, -46.7601, -28.8077**, and **120.4100, -59.3621, -46.8406** is the 20% darker color. If you saturate the color by 10%, you get **172.5790, -62.4034, -51.3738**, and if you desaturate by 10%, it is **186.1950, -46.4381, -38.7590**.

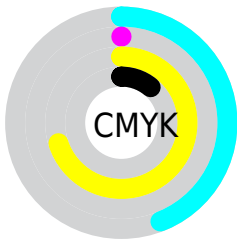
Distribution



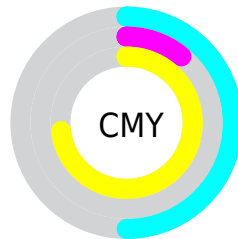
- Red (50%)
- Green (89%)
- Blue (27%)



- Red (27%)
- Yellow (89%)
- Blue (66%)



- Cyan (44%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)



- Cyan (50%)
- Magenta (11%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.3870, -54.4208, -45.0664 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 179.3870, -54.4208, -45.0664 by changing the saturation by 10% instead.

■ 179.3870,
-54.4208, -45.0664

■ 179.3870,
-54.4208, -45.0664

■ 255.0000, 0.0000,
0.0000

■ 150.4470,
-55.4364, -45.9960

■ 219.8480,
-46.7601, -28.8077

■ 120.4100,
-59.3621, -46.8406

■ 232.0100,
-38.9519, -13.1638

■ 93.1990, -45.9471,
-56.3025

■ 244.2860,
-30.7070, 2.3802

■ 68.6790, -33.8587,
-60.2315

■ 249.9840,
-19.2191, 4.3990

■ 54.0040, -26.6240,
-47.3615

■ 253.2900, -6.5520,
1.4997

■ 39.3290, -19.3892,
-34.4915

■ 26.4150, -13.0226,

-23.1660

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 179.3870,
-54.4208, -45.0664

■ 179.3870,
-54.4208, -45.0664

■ 172.5790,
-62.4034, -51.3738

■ 186.1950,
-46.4381, -38.7590

■ 165.8850,
-69.9493, -57.7811

■ 192.8890,
-38.8923, -32.3517

■ 158.7780,
-77.7846, -64.7033

■ 199.9960,
-31.0570, -25.4295

■ 158.6640,
-78.2214, -64.6033

■ 206.8040,
-23.0744, -19.1221

■ 213.4980,
-15.5285, -12.7147

■ 220.3060, -7.5459,
-6.4074

■ 227.4130, 0.2894,
0.5148

■ 234.2210, 8.2720,
6.8222

■ 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.



186.6800, -92.0332, 25.7136



179.3870, -54.4208, -45.0664



155.8770, -4.3764, -136.7041

Triad

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



179.3870, -54.4208, -45.0664



162.3190, 45.6917, -142.3538



168.2650, 5.2924, 76.0666

Complementary

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



179.3870, -54.4208, -45.0664



116.6130, 54.4208, 45.0664

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.



183.9730, 35.0163, 62.2907



179.3870, -54.4208, -45.0664



166.4590, 43.6507, -94.2415

Square

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



179.3870, -54.4208, -45.0664



168.7760, 42.5084, -148.0166



200.3320, 26.9513, 35.6658



173.2160, -34.1235, 71.7246

Rectangle

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



179.3870, -54.4208, -45.0664



163.9080, 18.7794, -143.7473



200.3320, 26.9513, 35.6658



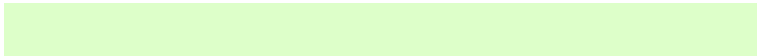
171.3430, 17.0859, 73.3672

Sweetspot

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



179.3870, -54.4208, -45.0664



238.6780, -18.5753, -15.5036



173.1810, -51.3612, 47.1993



118.3720, -11.0294, -9.0962



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.



179.3870, -54.4208, -45.0664



190.5380, -73.7222, -60.9848



163.7980, -37.8614, -83.1378



111.5390, -4.2097, -3.1037



125.1060, -61.6773, -50.9590



35.6180, -17.5597, -14.5740

Inverse Universe

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



116.6130, 54.4208, 45.0664



105.4620, 73.7222, 60.9848



132.2020, 37.8614, 83.1378



106.4610, 4.2097, 3.1037



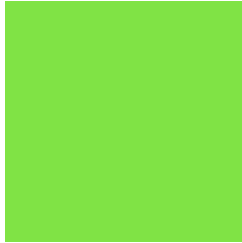
53.8940, 61.6773, 50.9590



15.3820, 17.5597, 14.5740

Previews

White Background



This preview shows how the YUV color 179.3870, -54.4208, -45.0664 looks on a white background.

Color Contrast Check

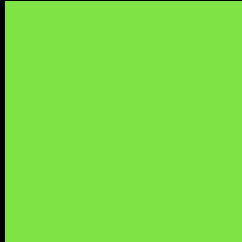
Large Text (above 18pt) WCAG AA × Fail

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 179.3870, -54.4208, -45.0664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

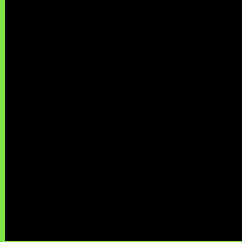
Any Text WCAG AA ✓ Pass

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 179.3870, -54.4208, -45.0664 Background



This preview shows how black text looks on a background with the YUV color 179.3870, -54.4208, -45.0664.



This preview shows how white text looks on a background with the YUV color 179.3870, -54.4208, -45.0664.

-45.0664.

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

179.3870, -54.4208, -45.0664

Protanopia

193.9170, -64.5421, 28.1368

Deuteranopia

196.9870, -57.1816, 47.3694



Tritanopia

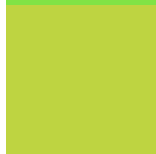
196.5960, 15.9752, -37.3567

Trichromacy



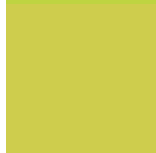
Original Color

179.3870, -54.4208, -45.0664



Protanomaly

188.6640, -60.9664, 1.1717



Deuteranomaly

190.7070, -56.0576, 13.4120



Tritanomaly

190.2280, -9.4794, -39.6650

Monochromacy



Original Color

179.3870, -54.4208, -45.0664



Achromatopsia

179.0000, 0.0000, 0.0000



Achromatomaly

178.7380, -19.5908, -16.4332

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.3870, -54.4208, -45.0664 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(128, 227, 69)` looks like.

```
.text, #text, p{  
    color:rgb(128, 227, 69)  
}
```

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(128, 227, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 227, 69) }
```

Border

The CSS property to change the border of an element to YUV 179.3870, -54.4208, -45.0664 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(128, 227, 69) }
```


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

```
.border{ border-color:rgb(128, 227, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 227, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 227, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 227, 69);  
box-shadow:4px 4px 4px 4px rgb(128, 227,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 179.3870, -54.4208, -45.0664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 227, 69) }
```

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

```
.background{ background-color: rgb(128,  
227, 69) }
```

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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