

Converting Colors

YUV(179.5720, -55.0050,
-44.3516)

Have a look what the booklet for
YUV(179.5720, -55.0050, -44.3516)
contains.

YUV(179.5720, -55.0050, -44.3516)	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(179.5720, -55.0050,
-44.3516)**

Conversions

Conversions Part 1

Format	Color
Hex	81E344
RGB	129, 227, 68
RGB Percent	51%, 89%, 27%
CMY	0.4941, 0.1098, 0.7333
CMYK	0.43, 0.00, 0.70, 0.11
HSL	97°, 74%, 58%
HSV	97°, 70%, 89%
XYZ	37.5657, 60.0227, 15.0745
YIQ	179.5720, -7.3690, -70.2250

Conversions

Conversions Part 2

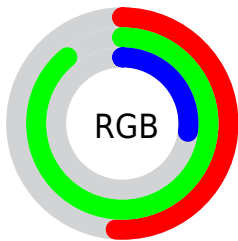
Format	Color
RYB	68, 227, 166
Decimal	8512324
CIELab	81.85, -54.84, 65.24
CIELCh	82, 85.227, 130.046
Yxy	60.0227, 0.3334, 0.5328
Android (android.graphics.Color)	4286702404 (0xFF81E344)
YUV	179.5720, -55.0050, -44.3516
Hunter-Lab	77.4743, -49.0289, 42.6957

Details

The YUV color **179.5720, -55.0050, -44.3516** 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 **115.4280, 55.0050, 44.3516**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.0330, -47.3443, -28.0929**, and **120.7090, -59.5095, -46.2258** is the 20% darker color. If you saturate the color by 10%, you get **172.7640, -62.9877, -50.6590**, and if you desaturate by 10%, it is **186.3800, -47.0223, -38.0443**.

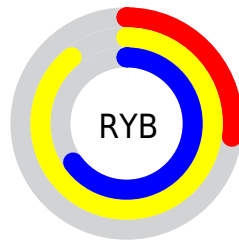
Distribution



Red (51%)

Green (89%)

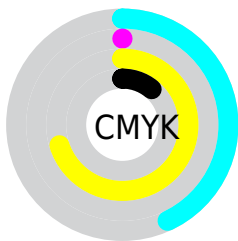
Blue (27%)



Red (27%)

Yellow (89%)

Blue (65%)

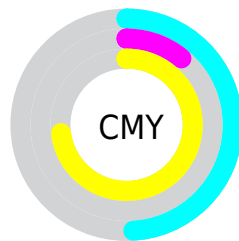


Cyan (43%)

Magenta (0%)

Yellow (70%)

Black (11%)



Cyan (49%)

Magenta (11%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 179.5720, -55.0050, -44.3516 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 179.5720, -55.0050, -44.3516 by changing the saturation by 10% instead.

■ 179.5720,
-55.0050, -44.3516

■ 179.5720,
-55.0050, -44.3516

255.0000, 0.0000,
0.0000

■ 150.5180,
-56.4574, -45.1813

■ 220.0330,
-47.3443, -28.0929

■ 120.7090,
-59.5095, -46.2258

■ 232.3090,
-39.0993, -12.5490

■ 93.7970, -46.2419,
-55.0730

■ 244.4710,
-31.2912, 3.0949

■ 68.6790, -33.8587,
-60.2315

■ 249.8700,
-19.6559, 4.4990

■ 54.0040, -26.6240,
-47.3615

■ 253.1760, -6.9888,
1.5996

■ 39.3290, -19.3892,
-34.4915

■ 26.4150, -13.0226,

-23.1660

■ 7.0440, -3.4727,
-6.1776

■ 0.0000, 0.0000,
0.0000

■ 179.5720,
-55.0050, -44.3516

■ 179.5720,
-55.0050, -44.3516

■ 172.7640,
-62.9877, -50.6590

■ 186.3800,
-47.0223, -38.0443

■ 166.0700,
-70.5335, -57.0664

■ 193.0740,
-39.4765, -31.6369

■ 159.2620,
-78.5162, -63.3738

■ 199.8820,
-31.4938, -25.3295

■ 206.6900,
-23.5112, -19.0221

■ 213.3840,
-15.9653, -12.6148

■ 220.1920, -7.9827,
-6.3074

■ 227.0000, 0.0000,
0.0000

■ 233.8080, 7.9827,
6.3074

■ 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.



186.9790, -92.1806, 26.3284



179.5720, -55.0050, -44.3516



155.7630, -4.8132, -136.6042

Triad

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



179.5720, -55.0050, -44.3516



162.3190, 45.6917, -142.3538



168.3790, 5.7292, 75.9666

Complementary

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



179.5720, -55.0050, -44.3516



115.4280, 55.0050, 44.3516

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



179.5720, -55.0050, -44.3516



164.3660, 44.6826, -98.5450

Square

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



179.5720, -55.0050, -44.3516



168.7760, 42.5084, -148.0166



200.9190, 26.6619, 35.1510



173.2160, -34.1235, 71.7246

Rectangle

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



179.5720, -55.0050, -44.3516



163.7940, 18.3426, -143.6473



200.9190, 26.6619, 35.1510



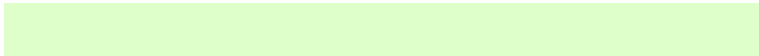
170.8700, 17.8121, 73.7820

Sweetspot

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



179.5720, -55.0050, -44.3516



238.9770, -18.7227, -14.8888



171.3060, -50.9299, 48.8436



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.



179.5720, -55.0050, -44.3516



191.1360, -74.0170, -59.7553



163.1570, -39.0244, -83.4527



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.



115.4280, 55.0050, 44.3516



104.8640, 74.0170, 59.7553



131.8430, 39.0244, 83.4527



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 179.5720, -55.0050, -44.3516 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 179.5720, -55.0050, -44.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

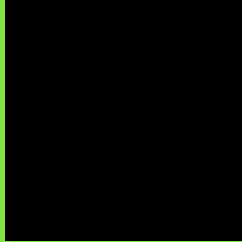
Any Text WCAG AA ✓ Pass

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 179.5720, -55.0050, -44.3516 Background



This preview shows how black text looks on a background with the YUV color 179.5720, -55.0050, -44.3516.



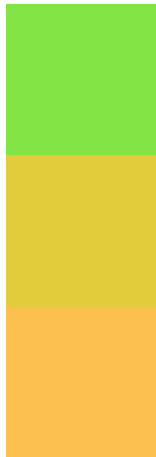
This preview shows how white text looks on a background with the YUV color 179.5720, -55.0050, -44.3516.

-44.3516.

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

179.5720, -55.0050, -44.3516

Protanopia

194.1020, -65.1263, 28.8515

Deuteranopia

197.1720, -57.7658, 48.0842



Tritanopia

196.5960, 15.9752, -37.3567

Trichromacy



Original Color

179.5720, -55.0050, -44.3516

Protanomaly

188.8490, -61.5506, 1.8864

Deuteranomaly

190.8920, -56.6418, 14.1267

Tritanomaly

190.1140, -9.9162, -39.5650

Monochromacy



Original Color

179.5720, -55.0050, -44.3516

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.6240, -20.0276, -16.3332

CSS Examples

Text

The CSS property to change the color of the text to YUV 179.5720, -55.0050, -44.3516 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(129, 227, 68)` looks like.

```
.text, #text, p{  
    color:rgb(129, 227, 68)  
}
```

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(129, 227, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 227, 68) }
```

Border

The CSS property to change the border of an element to YUV 179.5720, -55.0050, -44.3516 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(129, 227, 68) }
```


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

```
.border{ border-color:rgb(129, 227, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 227, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 227, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 227, 68);  
box-shadow:4px 4px 4px 4px rgb(129, 227,  
68) }
```

Background

The CSS property to change the background color of an element to YUV 179.5720, -55.0050, -44.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 227, 68) }
```

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

```
.background{ background-color: rgb(129,  
227, 68) }
```

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