

Converting Colors

YUV(176.8400, -44.7841,
-55.9877)

Have a look what the booklet for
YUV(176.8400, -44.7841, -55.9877)
contains.

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Color

**YUV(176.8400, -44.7841,
-55.9877)**

Conversions

Conversions Part 1

Format	Color
Hex	71E356
RGB	113, 227, 86
RGB Percent	44%, 89%, 34%
CMY	0.5569, 0.1098, 0.6627
CMYK	0.50, 0.00, 0.62, 0.11
HSL	109°, 72%, 61%
HSV	109°, 62%, 89%
XYZ	35.9589, 59.1208, 18.3203
YIQ	176.8400, -22.6830, -68.0190

Conversions

Conversions Part 2

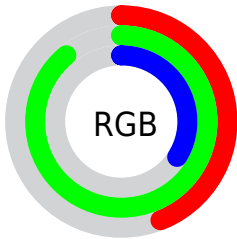
Format	Color
RYB	86, 227, 200
Decimal	7463766
CIELab	81.36, -58.02, 57.45
CIElCh	81, 81.648, 135.286
Yxy	59.1208, 0.3171, 0.5213
Android (android.graphics.Color)	4285653846 (0xFF71E356)
YUV	176.8400, -44.7841, -55.9877
Hunter-Lab	76.8900, -51.0792, 39.6962

Details

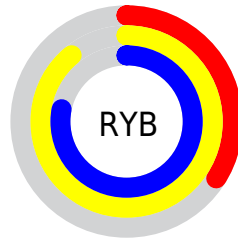
The YUV color **176.8400, -44.7841, -55.9877** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **136.1600, 44.7841, 55.9877**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.1870, -37.5602, -39.6290**, and **117.9210, -44.3311, -61.3207** is the 20% darker color. If you saturate the color by 10%, you get **168.8360, -52.1771, -64.7542**, and if you desaturate by 10%, it is **184.8440, -37.3911, -47.2212**.

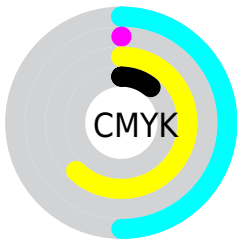
Distribution



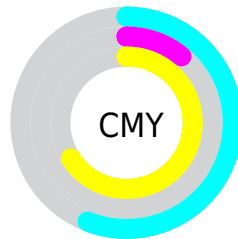
- Red (44%)
- Green (89%)
- Blue (34%)



- Red (34%)
- Yellow (89%)
- Blue (78%)



- Cyan (50%)
- Magenta (0%)
- Yellow (62%)
- Black (11%)



- Cyan (56%)
- Magenta (11%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.8400, -44.7841, -55.9877 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 176.8400, -44.7841, -55.9877 by changing the saturation by 10% instead.

■ 176.8400,
-44.7841, -55.9877

■ 176.8400,
-44.7841, -55.9877

255.0000, 0.0000,
0.0000

■ 147.3560,
-44.0525, -57.3172

■ 217.1870,
-37.5602, -39.6290

■ 117.9210,
-44.3311, -61.3207

■ 229.2350,
-30.1889, -23.8851

■ 83.9410, -41.3829,
-73.6163

■ 241.5110,
-21.9439, -8.3411

■ 68.6790, -33.8587,
-60.2315

■ 251.6940,
-12.6671, 2.8994

■ 53.4170, -26.3346,
-46.8467

■ 38.7420, -19.0998,
-33.9767

■ 25.2410, -12.4438,

-22.1364

■ 5.2830, -2.6045,
-4.6332

■ 0.0000, 0.0000,
0.0000

■ 176.8400,
-44.7841, -55.9877

■ 176.8400,
-44.7841, -55.9877

■ 168.8360,
-52.1771, -64.7542

■ 184.8440,
-37.3911, -47.2212

■ 160.6470,
-58.9860, -74.2354

■ 193.0330,
-30.5823, -37.7399

■ 152.6430,
-66.3790, -83.0019


■ 201.0370,
-23.1892, -28.9734

■ 146.1060,
-72.0303, -90.4240

■ 209.0410,
-15.7962, -20.2070

 217.3440, -8.5506,
-10.8257

 225.2340, -1.5944,
-1.9592

 233.2380, 5.7987,
6.8073

 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.



187.0620, -81.3756, 13.9776



176.8400, -44.7841, -55.9877



156.8860, 2.0282, -137.5890

Triad

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



176.8400, -44.7841, -55.9877



158.7970, 47.4281, -139.2650



170.3050, -2.1224, 74.2775

Complementary

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



176.8400, -44.7841, -55.9877



136.1600, 44.7841, 55.9877

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.



182.0180, 30.0641, 64.0052



176.8400, -44.7841, -55.9877



180.5890, 36.6846, -53.1366

Square

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



176.8400, -44.7841, -55.9877



166.4280, 43.6660, -145.9574



201.5830, 26.3346, 46.8467



177.0000, -39.9330, 68.4060

Rectangle

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



176.8400, -44.7841, -55.9877



164.1020, 24.5997, -143.9175



201.5830, 26.3346, 46.8467



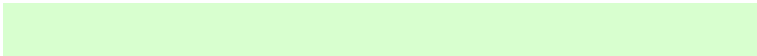
171.5080, 10.1026, 73.2225

Sweetspot

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



176.8400, -44.7841, -55.9877



237.8670, -15.2174, -19.1774



194.4900, -53.4856, 28.5113



117.4040, -9.5662, -11.7553



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.



176.8400, -44.7841, -55.9877



186.8810, -60.5803, -76.1946



173.5550, -22.4586, -76.7857



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.



136.1600, 44.7841, 55.9877



131.8200, 60.7277, 75.5799



139.4450, 22.4586, 76.7857



107.3580, 3.7675, 4.9480



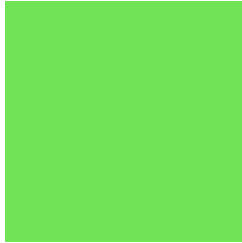
63.4620, 56.9602, 70.6318



18.0730, 16.2330, 20.1070

Previews

White Background



This preview shows how the YUV color 176.8400, -44.7841, -55.9877 looks on a white background.

Color Contrast Check

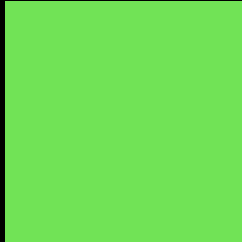
Large Text (above 18pt) WCAG AA × Fail

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 176.8400, -44.7841, -55.9877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

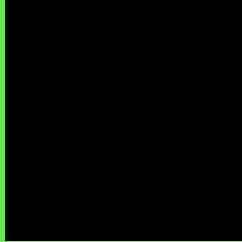
Any Text WCAG AA ✓ Pass

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 176.8400, -44.7841, -55.9877 Background



This preview shows how black text looks on a background with the YUV color 176.8400, -44.7841, -55.9877.



This preview shows how white text looks on a background with the YUV color 176.8400, -44.7841, -55.9877.

-55.9877.

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

176.8400, -44.7841, -55.9877

Protanopia

193.8550, -57.1165, 26.4372

Deuteranopia

197.0280, -49.3138, 43.8254



Tritanopia

193.4100, 18.0389, -45.9636

Trichromacy



Original Color

176.8400, -44.7841, -55.9877



Protanomaly

187.5200, -52.5144, -3.0870



Deuteranomaly

189.5520, -47.6001, 7.4089



Tritanomaly

187.4270, -4.6475, -49.4865

Monochromacy



Original Color

176.8400, -44.7841, -55.9877



Achromatopsia

177.0000, 0.0000, 0.0000



Achromatomaly

176.9270, -16.2330, -20.1070

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.8400, -44.7841, -55.9877 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(113, 227, 86)` looks like.

```
.text, #text, p{  
    color:rgb(113, 227, 86)  
}
```

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(113, 227, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 227, 86) }
```

Border

The CSS property to change the border of an element to YUV 176.8400, -44.7841, -55.9877 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(113, 227, 86) }
```


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

```
.border{ border-color:rgb(113, 227, 86) }
```

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

Here you see how a box with a 4 pixel rgb(113, 227, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 227, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 227, 86);  
box-shadow:4px 4px 4px 4px rgb(113, 227,  
86) }
```

Background

The CSS property to change the background color of an element to YUV 176.8400, -44.7841, -55.9877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 227, 86) }
```

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

```
.background{ background-color: rgb(113,  
227, 86) }
```

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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