

Converting Colors

YUV(174.5590, -55.4916,
-75.0352)

Have a look what the booklet for
YUV(174.5590, -55.4916, -75.0352)
contains.

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Color

**YUV(174.5590, -55.4916,
-75.0352)**

Conversions

Conversions Part 1

Format	Color
Hex	59F03E
RGB	89, 240, 62
RGB Percent	35%, 94%, 24%
CMY	0.6510, 0.0588, 0.7569
CMYK	0.63, 0.00, 0.74, 0.06
HSL	111°, 86%, 59%
HSV	111°, 74%, 94%
XYZ	36.1494, 64.7918, 15.1582
YIQ	174.5590, -32.8580, -87.3700

Conversions

Conversions Part 2

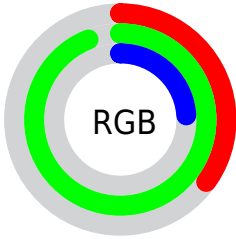
Format	Color
RYB	62, 240, 213
Decimal	5894206
CIELab	84.38, -70.39, 69.41
CIELCh	84, 98.856, 135.404
Yxy	64.7918, 0.3114, 0.5581
Android (android.graphics.Color)	4284084286 (0xFF59F03E)
YUV	174.5590, -55.4916, -75.0352
Hunter-Lab	80.4934, -60.6994, 45.1801

Details

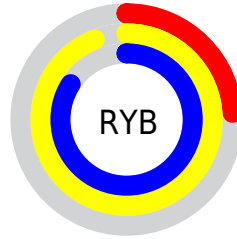
The YUV color **174.5590, -55.4916, -75.0352** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **127.4410, 55.4916, 75.0352**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.7100, -44.2270, -47.9807**, and **107.4210, -52.9586, -94.2082** is the 20% darker color. If you saturate the color by 10%, you get **165.8430, -63.0266, -84.9313**, and if you desaturate by 10%, it is **183.2750, -47.9566, -65.1392**.

Distribution



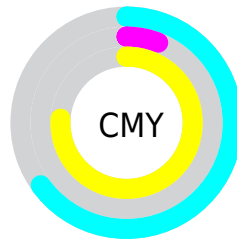
- Red (35%)
- Green (94%)
- Blue (24%)



- Red (24%)
- Yellow (94%)
- Blue (84%)



- Cyan (63%)
- Magenta (0%)
- Yellow (74%)
- Black (6%)



- Cyan (65%)
- Magenta (6%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 174.5590, -55.4916, -75.0352 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 174.5590, -55.4916, -75.0352 by changing the saturation by 10% instead.

■ 174.5590,
-55.4916, -75.0352

■ 174.5590,
-55.4916, -75.0352

■ 255.0000, 0.0000,
0.0000

■ 141.4720,
-56.9277, -81.0979

■ 209.7100,
-44.2270, -47.9807

■ 107.4210,
-52.9586, -94.2082

■ 222.2850,
-36.1295, -31.8219

■ 90.9850, -44.8556,
-79.7938

■ 234.8600,
-28.0320, -15.6632

■ 75.1360, -37.0420,
-65.8943

■ 247.4350,
-19.9345, 0.4955

■ 59.2870, -29.2285,
-51.9947

■ 252.8340, -8.2992,
1.8996

■ 44.0250, -21.7043,
-38.6099

■ 29.9370, -14.7589,

-26.2547

■ 14.0880, -6.9454,
-12.3552

■ 0.0000, 0.0000,
0.0000

■ 174.5590,
-55.4916, -75.0352

■ 174.5590,
-55.4916, -75.0352

■ 165.8430,
-63.0266, -84.9313

■ 183.2750,
-47.9566, -65.1392

■ 156.8280,
-70.4142, -95.4422

■ 192.2900,
-40.5690, -54.6283

■ 151.6440,
-74.7605, -101.4198

■ 201.0060,
-33.0340, -44.7323

■ 209.7220,
-25.4989, -34.8362

■ 218.7370,
-18.1113, -24.3253

■ 227.4530,
-10.5763, -14.4293

■ 236.4680, -3.1887,
-3.9184

■ 245.1840, 4.3463,
5.9776

■ 246.1950, 4.3409,
7.7220

Harmonies

Analogous

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



191.6200, -94.4687, 13.4883



174.5590, -55.4916, -75.0352



164.9900, -2.4601, -144.6962

Triad

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



174.5590, -55.4916, -75.0352



166.4280, 43.6660, -145.9574



158.6790, 4.1023, 84.4735

Complementary

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



174.5590, -55.4916, -75.0352



127.4410, 55.4916, 75.0352

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.



172.8200, 40.5147, 72.0719



174.5590, -55.4916, -75.0352



172.4280, 40.7080, -83.6904

Square

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



174.5590, -55.4916, -75.0352



175.2330, 39.3251, -153.6793



199.8220, 27.2028, 48.3911



170.8390, -45.7696, 73.8092

Rectangle

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



174.5590, -55.4916, -75.0352



173.5740, 25.3530, -152.2244



199.8220, 27.2028, 48.3911



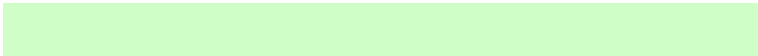
159.2780, 19.0899, 83.9482

Sweetspot

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



174.5590, -55.4916, -75.0352



234.2640, -17.3852, -23.9105



202.0980, -69.0683, 33.2401



115.4530, -10.5763, -14.4293



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.



174.5590, -55.4916, -75.0352



171.4150, -70.7036, -95.9570



173.2120, -25.7405, -97.5329



115.6420, -3.7675, -4.9480



116.3800, -57.3753, -77.5093



35.5630, -17.5326, -23.2958

Inverse Universe

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



127.4410, 55.4916, 75.0352



111.5850, 70.7036, 95.9570



128.7880, 25.7405, 97.5329



112.3580, 3.7675, 4.9480



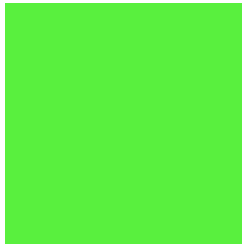
67.6200, 57.3753, 77.5093



20.7360, 17.3852, 23.9105

Previews

White Background



This preview shows how the YUV color 174.5590, -55.4916, -75.0352 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 174.5590, -55.4916, -75.0352 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 174.5590, -55.4916, -75.0352 Background



This preview shows how black text looks on a background with the YUV color 174.5590, -55.4916, -75.0352.



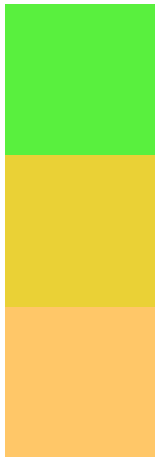
This preview shows how white text looks on a background with the YUV color 174.5590, -55.4916, -75.0352.

-75.0352.

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

174.5590, -55.4916, -75.0352

Protanopia

198.8050, -71.3889, 30.8660

Deuteranopia

204.9140, -49.7506, 43.9254



Tritanopia

197.6470, 21.8660, -60.2034

Trichromacy



Original Color

174.5590, -55.4916, -75.0352



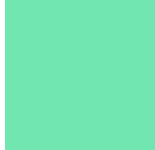
Protanomaly

189.7570, -65.4492, -7.6799



Deuteranomaly

194.0690, -51.7990, 0.8165



Tritanomaly

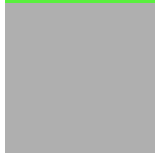
189.2740, -6.0511, -66.0153

Monochromacy



Original Color

174.5590, -55.4916, -75.0352



Achromatopsia

175.0000, 0.0000, 0.0000



Achromatomaly

175.1450, -20.2845, -27.3142

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.5590, -55.4916, -75.0352 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(89, 240, 62)` looks like.

```
.text, #text, p{  
    color:rgb(89, 240, 62)  
}
```

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(89, 240, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 240, 62) }
```

Border

The CSS property to change the border of an element to YUV 174.5590, -55.4916, -75.0352 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(89, 240, 62) }
```


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

```
.border{ border-color:rgb(89, 240, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 240, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 240, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 240, 62);  
box-shadow:4px 4px 4px 4px rgb(89, 240,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 174.5590, -55.4916, -75.0352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 240, 62) }
```

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

```
.background{ background-color: rgb(89, 240,  
62) }
```

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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