

Converting Colors

YUV(169.6020, -74.2468,
-79.4580)

Have a look what the booklet for
YUV(169.6020, -74.2468, -79.4580)
contains.

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Color

**YUV(169.6020, -74.2468,
-79.4580)**

Conversions

Conversions Part 1

Format	Color
Hex	4FF513
RGB	79, 245, 19
RGB Percent	31%, 96%, 7%
CMY	0.6902, 0.0392, 0.9255
CMYK	0.68, 0.00, 0.92, 0.04
HSL	104°, 92%, 52%
HSV	104°, 92%, 96%
XYZ	35.9944, 67.0141, 11.6540
YIQ	169.6020, -26.3900, -105.4780

Conversions

Conversions Part 2

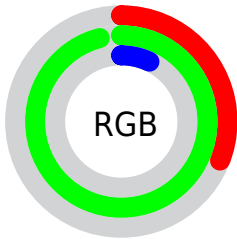
Format	Color
RYB	19, 245, 185
Decimal	5240083
CIELab	85.51, -75.80, 80.06
CIELCh	86, 110.253, 133.435
Yxy	67.0141, 0.3139, 0.5844
Android (android.graphics.Color)	4283430163 (0xFF4FF513)
YUV	169.6020, -74.2468, -79.4580
Hunter-Lab	81.8621, -64.7731, 48.8629

Details

The YUV color **169.6020, -74.2468, -79.4580** 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 **94.3980, 74.2468, 79.4580**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0660, -54.2625, -49.1699**, and **109.7690, -54.1161, -96.2674** is the 20% darker color. If you saturate the color by 10%, you get **163.2500, -80.4822, -86.1653**, and if you desaturate by 10%, it is **177.8340, -65.9802, -70.8914**.

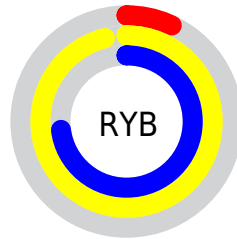
Distribution



Red (31%)

Green (96%)

Blue (7%)



Red (7%)

Yellow (96%)

Blue (73%)

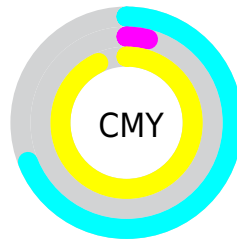


Cyan (68%)

Magenta (0%)

Yellow (92%)

Black (4%)



Cyan (69%)

Magenta (4%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.6020, -74.2468, -79.4580 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 169.6020, -74.2468, -79.4580 by changing the saturation by 10% instead.

169.6020,
-74.2468, -79.4580

169.6020,
-74.2468, -79.4580

255.0000, 0.0000,
0.0000

134.5660,
-66.3410, -95.2124

205.0660,
-54.2625, -49.1699

109.7690,
-54.1161, -96.2674

218.1680,
-45.4388, -32.5963

93.3330, -46.0132,
-81.8530

231.0420,
-37.4887, -15.8228

77.4840, -38.1996,
-67.9535

244.0300,
-29.1018, 0.8507

61.6350, -30.3861,
-54.0539

250.3260,
-17.9087, 4.0991

46.3730, -22.8619,
-40.6691

253.7460, -4.8048,

32.2850, -15.9165,

1.0998

-28.3139

■ 16.4360, -8.1029,
-14.4144

■ 0.0000, 0.0000,
0.0000

■ 169.6020,
-74.2468, -79.4580

■ 169.6020,
-74.2468, -79.4580

■ 163.2500,
-80.4822, -86.1653

■ 177.8340,
-65.9802, -70.8914

■ 185.9520,
-58.1503, -62.2249

■ 194.1840,
-49.8837, -53.6584

■ 202.3020,
-42.0539, -44.9919

■ 210.5340,
-33.7873, -36.4253

■ 218.6520,
-25.9574, -27.7588

■ 226.8840,
-17.6908, -19.1923

■ 235.0020, -9.8610,
-10.5258

■ 243.2340, -1.5944,
-1.9592

Harmonies

Analogous

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



195.4740, -96.3687, 16.2473



169.6020, -74.2468, -79.4580



166.7850, -8.2750, -146.2704

Triad

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



169.6020, -74.2468, -79.4580



171.1240, 41.3509, -150.0757



143.9870, 13.8104, 97.3584

Complementary

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



169.6020, -74.2468, -79.4580



94.3980, 74.2468, 79.4580

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.



163.4280, 45.1450, 80.3086



169.6020, -74.2468, -79.4580



152.9270, 50.3220, -134.1170

Square

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



169.6020, -74.2468, -79.4580



178.7550, 37.5888, -156.7681



199.8220, 27.2028, 48.3911



163.5840, -45.6439, 80.1718

Rectangle

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



169.6020, -74.2468, -79.4580



175.1070, 23.6112, -153.5688



199.8220, 27.2028, 48.3911



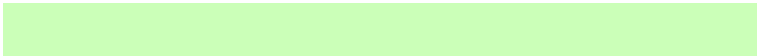
144.9280, 30.1085, 96.5331

Sweetspot

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



169.6020, -74.2468, -79.4580



231.3580, -23.3475, -24.8700



184.0160, -81.3529, 53.4830



113.4160, -14.5021, -15.2738



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.



169.6020, -74.2468, -79.4580



170.0170, -83.8184, -89.4689



157.7040, -42.2521, -121.6434



117.9410, -3.9149, -4.3333



123.8330, -61.0497, -65.6285



39.4170, -19.4326, -20.5367

Inverse Universe

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



94.3980, 74.2468, 79.4580



84.9830, 83.8184, 89.4689



106.2960, 42.2521, 121.6434



114.0590, 3.9149, 4.3333



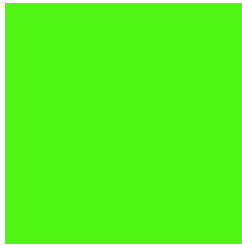
62.1670, 61.0497, 65.6285



19.5830, 19.4326, 20.5367

Previews

White Background



This preview shows how the YUV color 169.6020, -74.2468, -79.4580 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 169.6020, -74.2468, -79.4580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

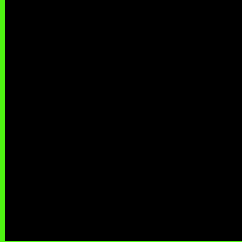
Any Text WCAG AA ✓ Pass

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 169.6020, -74.2468, -79.4580 Background



This preview shows how black text looks on a background with the YUV color 169.6020, -74.2468, -79.4580.



This preview shows how white text looks on a background with the YUV color 169.6020, -74.2468, -79.4580.

-79.4580.

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

169.6020, -74.2468, -79.4580

Protanopia

195.9050, -96.5812, 37.7943

Deuteranopia

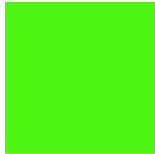
208.6300, -45.6666, 40.6665



Tritanopia

199.5540, 22.8979, -64.5069

Trichromacy



Original Color

169.6020, -74.2468, -79.4580



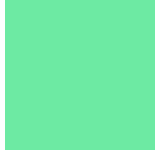
Protanomaly

186.4050, -88.4467, -4.7402



Deuteranomaly

194.3090, -55.8613, -2.9020



Tritanomaly

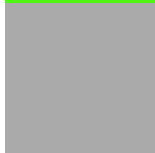
188.5310, -12.5868, -69.7487

Monochromacy



Original Color

169.6020, -74.2468, -79.4580



Achromatopsia

170.0000, 0.0000, 0.0000



Achromatomaly

169.7120, -26.9730, -28.6884

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.6020, -74.2468, -79.4580 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(79, 245, 19)` looks like.

```
.text, #text, p{  
    color:rgb(79, 245, 19)  
}
```

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(79, 245, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 245, 19) }
```

Border

The CSS property to change the border of an element to YUV 169.6020, -74.2468, -79.4580 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(79, 245, 19) }
```


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

```
.border{ border-color:rgb(79, 245, 19) }
```

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

Here you see how a box with a 4 pixel rgb(79, 245, 19) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 245, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 245, 19);  
box-shadow:4px 4px 4px 4px rgb(79, 245,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 169.6020, -74.2468, -79.4580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 245, 19) }
```

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

```
.background{ background-color: rgb(79, 245,  
19) }
```

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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