

Converting Colors

YUV(181.4350, -74.1645,
-59.1405)

Have a look what the booklet for
YUV(181.4350, -74.1645, -59.1405)
contains.

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Color

**YUV(181.4350, -74.1645,
-59.1405)**

Conversions

Conversions Part 1

Format	Color
Hex	72F51F
RGB	114, 245, 31
RGB Percent	45%, 96%, 12%
CMY	0.5529, 0.0392, 0.8784
CMYK	0.53, 0.00, 0.87, 0.04
HSL	97°, 91%, 54%
HSV	97°, 87%, 96%
XYZ	39.8392, 68.9812, 12.5113
YIQ	181.4350, -9.3820, -94.3260

Conversions

Conversions Part 2

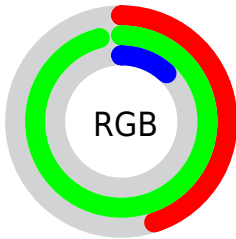
Format	Color
R_{YB}	31, 245, 162
Decimal	7533855
CIE _{Lab}	86.49, -67.60, 79.48
CIE _{LCh}	86, 104.339, 130.379
Yxy	68.9812, 0.3283, 0.5685
Android (android.graphics.Color)	4285723935 (0xFF72F51F)
YUV	181.4350, -74.1645, -59.1405
Hunter-Lab	83.0549, -59.7245, 49.2071

Details

The YUV color **181.4350, -74.1645, -59.1405** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **94.5650, 74.1645, 59.1405**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1220, -55.7691, -32.5560**, and **121.4190, -59.8596, -74.0355** is the 20% darker color. If you saturate the color by 10%, you get **174.1000, -82.8733, -65.8627**, and if you desaturate by 10%, it is **188.6560, -65.8924, -52.3183**.

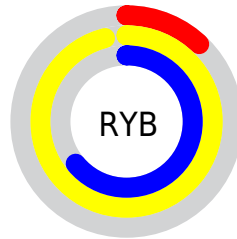
Distribution



Red (45%)

Green (96%)

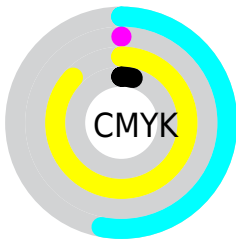
Blue (12%)



Red (12%)

Yellow (96%)

Blue (64%)

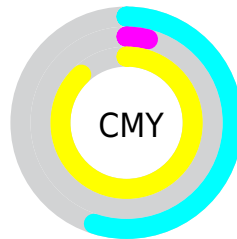


Cyan (53%)

Magenta (0%)

Yellow (87%)

Black (4%)



Cyan (55%)

Magenta (4%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.4350, -74.1645, -59.1405 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 181.4350, -74.1645, -59.1405 by changing the saturation by 10% instead.

181.4350,
-74.1645, -59.1405

181.4350,
-74.1645, -59.1405

255.0000, 0.0000,
0.0000

150.7120,
-74.3010, -62.0144

214.1220,
-55.7691, -32.5560

121.4190,
-59.8596, -74.0355

226.8110,
-47.2348, -16.4972

93.9200, -46.3026,
-82.3678

239.3860,
-39.1373, -0.3385

78.0710, -38.4890,
-68.4683

247.4760,
-28.8287, 6.5985

62.2220, -30.6754,
-54.5687

250.8960,
-15.7247, 3.5992

46.9600, -23.1513,
-41.1839

254.3160, -2.6208,

33.4590, -16.4953,

0.5999

-29.3435

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,
0.0000

■ 181.4350,
-74.1645, -59.1405

■ 181.4350,
-74.1645, -59.1405

■ 174.1000,
-82.8733, -65.8627

■ 188.6560,
-65.8924, -52.3183

■ 172.2200,
-84.9045, -67.7219

■ 195.9910,
-57.1836, -45.5961

■ 203.2120,
-48.9115, -38.7739

■ 210.5470,
-40.2027, -32.0517

■ 217.8820,
-31.4938, -25.3295

■ 225.1030,
-23.2218, -18.5073

■ 232.4380,
-14.5129, -11.7851

■ 239.6590, -6.2409,
-4.9629

■ 246.8800, 2.0312,
1.8592

Harmonies

Analogous

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



199.0730, -98.1430, 25.3690



181.4350, -74.1645, -59.1405



166.3290, -10.0222, -145.8705

Triad

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



181.4350, -74.1645, -59.1405



172.8850, 40.4827, -151.6201



156.2630, 15.1533, 86.5923

Complementary

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



181.4350, -74.1645, -59.1405



94.5650, 74.1645, 59.1405

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.



175.7550, 39.0678, 69.4979



181.4350, -74.1645, -59.1405



156.4490, 48.5856, -137.2058

Square

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



181.4350, -74.1645, -59.1405



178.7550, 37.5888, -156.7681



206.2790, 24.0195, 42.7283



168.3260, -37.6287, 76.0131

Rectangle

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



181.4350, -74.1645, -59.1405



174.1950, 20.1169, -152.7690



206.2790, 24.0195, 42.7283



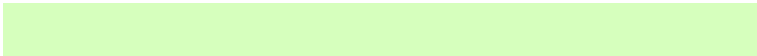
159.4380, 29.8571, 83.8079

Sweetspot

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



181.4350, -74.1645, -59.1405



235.2170, -22.7850, -18.6073



170.1220, -68.5871, 65.6680



115.9650, -13.7867, -11.3703



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.



181.4350, -74.1645, -59.1405



179.2860, -88.3880, -70.4108



159.0120, -52.7569, -112.2665



118.5390, -4.2097, -3.1037



130.7100, -64.4400, -51.4887



41.5100, -20.4644, -16.2333

Inverse Universe

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



94.5650, 74.1645, 59.1405



75.7140, 88.3880, 70.4108



116.9880, 52.7569, 112.2665



113.7600, 4.0623, 3.7185



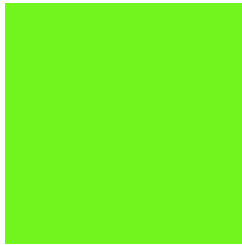
55.2900, 64.4400, 51.4887



17.4900, 20.4644, 16.2333

Previews

White Background



This preview shows how the YUV color 181.4350, -74.1645, -59.1405 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 181.4350, -74.1645, -59.1405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

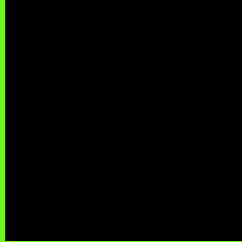
Any Text WCAG AA ✓ Pass

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 181.4350, -74.1645, -59.1405 Background



This preview shows how black text looks on a background with the YUV color 181.4350, -74.1645, -59.1405.



This preview shows how white text looks on a background with the YUV color 181.4350, -74.1645, -59.1405.

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

181.4350, -74.1645, -59.1405

Protanopia

200.9570, -88.7188, 35.9947

Deuteranopia

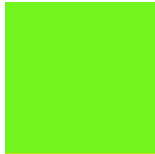
212.6880, -40.2722, 37.1076



Tritanopia

206.4310, 19.5075, -50.3670

Trichromacy



Original Color

181.4350, -74.1645, -59.1405



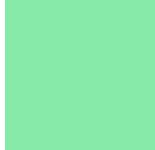
Protanomaly

193.8170, -83.2268, 1.0375



Deuteranomaly

201.5530, -52.5306, 2.1460



Tritanomaly

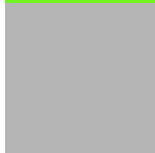
197.1740, -14.3828, -53.6496

Monochromacy



Original Color

181.4350, -74.1645, -59.1405



Achromatopsia

181.0000, 0.0000, 0.0000



Achromatomaly

181.0550, -27.1421, -21.0962

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.4350, -74.1645, -59.1405 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(114, 245, 31)` looks like.

```
.text, #text, p{  
    color:rgb(114, 245, 31)  
}
```

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(114, 245, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 245, 31) }
```

Border

The CSS property to change the border of an element to YUV 181.4350, -74.1645, -59.1405 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(114, 245, 31) }
```


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

```
.border{ border-color:rgb(114, 245, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 245, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 245, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 245, 31);  
box-shadow:4px 4px 4px 4px rgb(114, 245,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 181.4350, -74.1645, -59.1405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 245, 31) }
```

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

```
.background{ background-color: rgb(114,  
245, 31) }
```

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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