

Converting Colors

YUV(182.6420, -74.7595,
-54.9370)

Have a look what the booklet for
YUV(182.6420, -74.7595, -54.9370)
contains.

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Color

**YUV(182.6420, -74.7595,
-54.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	78F41F
RGB	120, 244, 31
RGB Percent	47%, 96%, 12%
CMY	0.5294, 0.0431, 0.8784
CMYK	0.51, 0.00, 0.87, 0.04
HSL	95°, 91%, 54%
HSV	95°, 87%, 96%
XYZ	40.3437, 68.7934, 12.4484
YIQ	182.6420, -5.5310, -92.5310

Conversions

Conversions Part 2

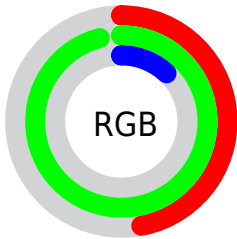
Format	Color
R_{YB}	31, 244, 155
Decimal	7926815
CIE _{Lab}	86.40, -65.62, 79.49
CIE _{LCh}	86, 103.073, 129.542
Yxy	68.7934, 0.3318, 0.5658
Android (android.graphics.Color)	4286116895 (0xFF78F41F)
YUV	182.6420, -74.7595, -54.9370
Hunter-Lab	82.9418, -58.3238, 49.1606

Details

The YUV color **182.6420, -74.7595, -54.9370** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **92.3580, 74.7595, 54.9370**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6170, -56.5062, -29.4821**, and **124.4200, -61.3391, -66.1433** is the 20% darker color. If you saturate the color by 10%, you get **175.7200, -83.1790, -61.1444**, and if you desaturate by 10%, it is **189.5640, -66.3401, -48.7296**.

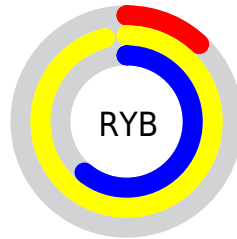
Distribution



Red (47%)

Green (96%)

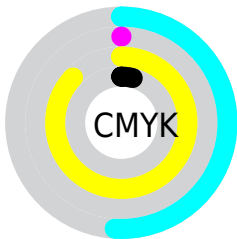
Blue (12%)



Red (12%)

Yellow (96%)

Blue (61%)

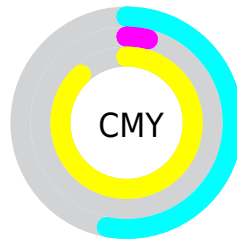


Cyan (51%)

Magenta (0%)

Yellow (87%)

Black (4%)



Cyan (53%)

Magenta (4%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YUV color 182.6420, -74.7595, -54.9370 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 182.6420, -74.7595, -54.9370 by changing the saturation by 10% instead.

182.6420,
-74.7595, -54.9370

182.6420,
-74.7595, -54.9370

255.0000, 0.0000,
0.0000

152.2180,
-75.0435, -57.1962

215.6170,
-56.5062, -29.4821

124.4200,
-61.3391, -66.1433

228.3060,
-47.9719, -13.4234

93.3330, -46.0132,
-81.8530

240.8810,
-39.8743, 2.7354

77.4840, -38.1996,
-67.9535

247.4760,
-28.8287, 6.5985

61.6350, -30.3861,
-54.0539

250.8960,
-15.7247, 3.5992

46.9600, -23.1513,
-41.1839

254.3160, -2.6208,

32.8720, -16.2059,

0.5999

-28.8287

■ 17.6100, -8.6817,
-15.4440

■ 0.0000, 0.0000,
0.0000

■ 182.6420,
-74.7595, -54.9370

■ 182.6420,
-74.7595, -54.9370

■ 175.7200,
-83.1790, -61.1444

■ 189.5640,
-66.3401, -48.7296

■ 173.7260,
-85.6469, -62.9037

■ 196.6000,
-57.4838, -42.6222

■ 203.8210,
-49.2118, -35.8000

■ 210.8570,
-40.3555, -29.6926

■ 217.7790,
-31.9360, -23.4852

■ 224.7010,
-23.5166, -17.2778

■ 231.7370,
-14.6603, -11.1703

■ 238.9580, -6.3883,
-4.3482

■ 245.9940, 2.4680,
1.7593

Harmonies

Analogous

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



199.3830, -98.2958, 27.7281



182.6420, -74.7595, -54.9370



165.9870, -11.3326, -145.5706

Triad

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



182.6420, -74.7595, -54.9370



172.8850, 40.4827, -151.6201



157.6650, 15.4482, 85.3628

Complementary

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



182.6420, -74.7595, -54.9370



92.3580, 74.7595, 54.9370

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.



177.5160, 38.1996, 67.9535



182.6420, -74.7595, -54.9370



157.0360, 48.2963, -137.7206

Square

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



182.6420, -74.7595, -54.9370



178.7550, 37.5888, -156.7681



207.4530, 23.4407, 41.6987



168.7820, -35.8815, 75.6132

Rectangle

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



182.6420, -74.7595, -54.9370



173.8530, 18.8065, -152.4691



207.4530, 23.4407, 41.6987



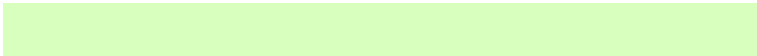
161.4270, 29.8625, 82.0635

Sweetspot

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



182.6420, -74.7595, -54.9370



235.8150, -23.0798, -17.3778



165.7140, -66.4140, 68.6568



116.2640, -13.9342, -10.7555



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.



182.6420, -74.7595, -54.9370



181.6780, -89.5673, -65.4926



157.6270, -55.5251, -111.0519



118.5390, -4.2097, -3.1037



132.5040, -65.3245, -47.8000



42.1080, -20.7592, -15.0037

Inverse Universe

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



92.3580, 74.7595, 54.9370



73.3220, 89.5673, 65.4926



117.3730, 55.5251, 111.0519



113.4610, 4.2097, 3.1037



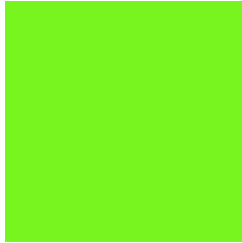
53.4960, 65.3245, 47.8000



16.8920, 20.7592, 15.0037

Previews

White Background



This preview shows how the YUV color 182.6420, -74.7595, -54.9370 looks on a white background.

Color Contrast Check

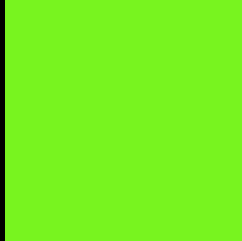
Large Text (above 18pt) WCAG AA × Fail

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 182.6420, -74.7595, -54.9370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

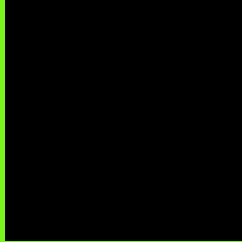
Any Text WCAG AA ✓ Pass

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 182.6420, -74.7595, -54.9370 Background



This preview shows how black text looks on a background with the YUV color 182.6420, -74.7595, -54.9370.



This preview shows how white text looks on a background with the YUV color 182.6420, -74.7595, -54.9370.

-54.9370.

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

182.6420, -74.7595, -54.9370

Protanopia

200.9570, -88.7188, 35.9947

Deuteranopia

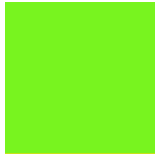
212.5740, -40.7090, 37.2076



Tritanopia

206.9260, 18.7705, -47.2931

Trichromacy



Original Color

182.6420, -74.7595, -54.9370



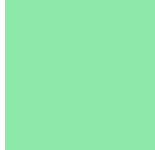
Protanomaly

194.7140, -83.6690, 2.8818



Deuteranomaly

201.4500, -52.9728, 3.9904



Tritanomaly

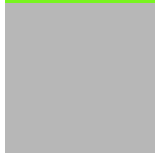
197.9680, -15.2672, -49.9609

Monochromacy



Original Color

182.6420, -74.7595, -54.9370



Achromatopsia

183.0000, 0.0000, 0.0000



Achromatomaly

182.7670, -27.0001, -19.9667

CSS Examples

Text

The CSS property to change the color of the text to YUV 182.6420, -74.7595, -54.9370 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(120, 244, 31)` looks like.

```
.text, #text, p{  
    color:rgb(120, 244, 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(120, 244, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 244, 31) }
```

Border

The CSS property to change the border of an element to YUV 182.6420, -74.7595, -54.9370 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(120, 244, 31) }
```


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

```
.border{ border-color:rgb(120, 244, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 244, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 244, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 244, 31);  
box-shadow:4px 4px 4px 4px rgb(120, 244,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 182.6420, -74.7595, -54.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 244, 31) }
```

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

```
.background{ background-color: rgb(120,  
244, 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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