

Converting Colors

YUV(145.4810, 53.9929,
-51.2878)

Have a look what the booklet for
YUV(145.4810, 53.9929, -51.2878)
contains.

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Color

**YUV(145.4810, 53.9929,
-51.2878)**

Conversions

Conversions Part 1

Format	Color
Hex	579AFF
RGB	87, 154, 255
RGB Percent	34%, 60%, 100%
CMY	0.6588, 0.3961, 0.0000
CMYK	0.66, 0.40, 0.00, 0.00
HSL	216°, 100%, 67%
HSV	216°, 66%, 100%
XYZ	33.5361, 32.3574, 99.0858
YIQ	145.4810, -72.3530, 17.2070

Conversions

Conversions Part 2

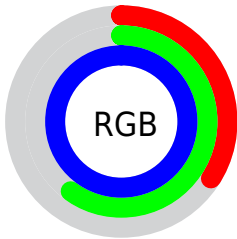
Format	Color
R _Y B	87, 135, 255
Decimal	5741311
CIE Lab	63.64, 10.05, -56.51
CIE LCh	64, 57.393, 280.085
Yxy	32.3574, 0.2033, 0.1961
Android (android.graphics.Color)	4283931391 (0xFF579AFF)
YUV	145.4810, 53.9929, -51.2878
Hunter-Lab	56.8836, 5.6895, -63.4590

Details

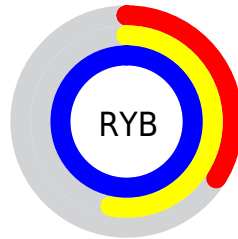
The YUV color **145.4810, 53.9929, -51.2878** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **196.5190, -53.9929, 51.2878**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3150, 28.9317, -39.7413**, and **83.6200, 56.3893, -73.3347** is the 20% darker color. If you saturate the color by 10%, you get **129.2010, 62.0189, -58.9353**, and if you desaturate by 10%, it is **162.0600, 45.8194, -43.0256**.

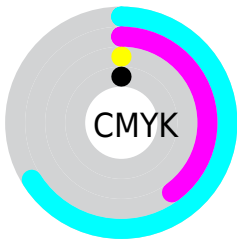
Distribution



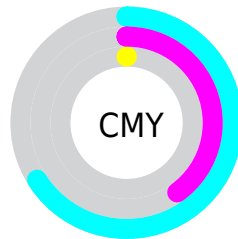
- Red (34%)
- Green (60%)
- Blue (100%)



- Red (34%)
- Yellow (53%)
- Blue (100%)



- Cyan (66%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.4810, 53.9929, -51.2878 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 145.4810, 53.9929, -51.2878 by changing the saturation by 10% instead.

■ 145.4810, 53.9929,
-51.2878

■ 145.4810, 53.9929,
-51.2878

255.0000, 0.0000,
0.0000

■ 115.2520, 54.5988,
-58.9800

■ 196.3150, 28.9317,
-39.7413

■ 83.6200, 56.3893,
-73.3347

■ 222.0200, 16.2591,
-35.0975

■ 66.3400, 51.1044,
-58.1802

■ 242.4420, 6.1911,
-25.8206

■ 50.3480, 45.6774,
-44.1552

■ 251.4120, 1.7689,
-7.3773

■ 35.6440, 40.1085,
-31.2598

■ 20.3530, 34.8290,
-17.8496

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 145.4810, 53.9929,
-51.2878

■ 145.4810, 53.9929,
-51.2878

■ 129.2010, 62.0189,
-58.9353

■ 162.0600, 45.8194,
-43.0256

■ 112.0350, 70.4817,
-66.6827

■ 178.9270, 37.5040,
-35.8930

■ 95.7550, 78.5078,
-74.3301

■ 195.5060, 29.3305,
-27.6308

■ 88.9440, 81.8656,
-78.0039

■ 211.7860, 21.3045,
-19.9833

■ 228.9520, 12.8417,
-12.2359

■ 245.2320, 4.8156,
-4.5885

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



127.7030, 60.2924, -111.9955



145.4810, 53.9929, -51.2878



158.1540, 36.8991, 18.2819

Triad

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



145.4810, 53.9929, -51.2878



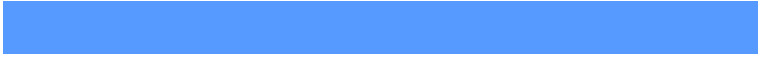
151.6880, -29.9192, 76.5726



117.2370, -0.1168, -102.8168

Complementary

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



145.4810, 53.9929, -51.2878



196.5190, -53.9929, 51.2878

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.



140.7740, -34.3986, -26.9888



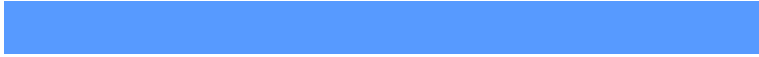
145.4810, 53.9929, -51.2878



150.2400, -47.4463, 51.5325

Square

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



145.4810, 53.9929, -51.2878



152.8070, -6.8069, 83.4843



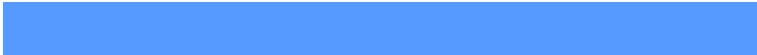
146.5100, -50.5374, 16.2157



124.4530, 22.4547, -109.1453

Rectangle

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



145.4810, 53.9929, -51.2878



157.9210, 23.7029, 50.9353



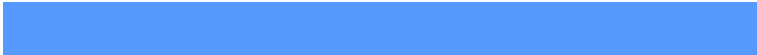
146.5100, -50.5374, 16.2157



130.6840, -14.6342, -66.3749

Sweetspot

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



145.4810, 53.9929, -51.2878



221.5540, 16.4889, -15.3949



197.1300, -4.5011, -96.5840



107.5780, 10.0680, -9.2769



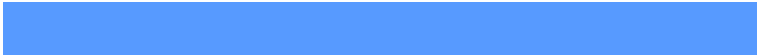
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



145.4810, 53.9929, -51.2878



123.8740, 64.6451, -61.2795



111.2350, 70.8761, -6.3451



119.4170, 4.2314, -3.8737



66.3860, 61.4347, -58.2205



21.9710, 20.7203, -19.2686

Inverse Universe

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



144.8700, 4.5011, 96.5840



123.2190, 5.3150, 115.5719



230.7650, -70.8761, 6.3451



119.4570, 0.2677, 7.4922



65.7730, 5.0419, 109.8241



21.9860, 1.4859, 36.8463

Previews

White Background



This preview shows how the YUV color 145.4810, 53.9929, -51.2878 looks on a white background.

Color Contrast Check

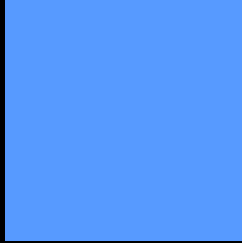
Large Text (above 18pt) WCAG AA × Fail

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 145.4810, 53.9929, -51.2878 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

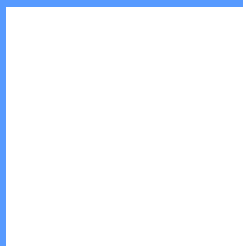
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 145.4810, 53.9929, -51.2878

Background



This preview shows how black text looks on a background with the YUV color 145.4810, 53.9929, -51.2878.



This preview shows how white text looks on a background with the YUV color 145.4810, 53.9929, -51.2878.

-51.2878.

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

145.4810, 53.9929, -51.2878

Protanopia

150.4510, 49.5707, -32.8445

Deuteranopia

144.8830, 54.2877, -52.5174



Tritanopia

132.3240, 24.9833, -80.0911

Trichromacy



Original Color

145.4810, 53.9929, -51.2878

Protanomaly

148.4610, 51.0447, -38.9923

Deuteranomaly

145.1820, 54.1403, -51.9026

Tritanomaly

137.4360, 35.2811, -69.6654

Monochromacy



Original Color

145.4810, 53.9929, -51.2878

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

145.0420, 19.6993, -18.4538

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.4810, 53.9929, -51.2878 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(87, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(87, 154, 255)  
}
```

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(87, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 154, 255) }
```

Border

The CSS property to change the border of an element to YUV 145.4810, 53.9929, -51.2878 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(87, 154, 255) }
```


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

```
.border{ border-color:rgb(87, 154, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(87, 154,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 145.4810, 53.9929, -51.2878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 154, 255) }
```

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

```
.background{ background-color: rgb(87, 154,  
255) }
```

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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