

Converting Colors

YUV(154.8120, 45.4487,
-17.3751)

Have a look what the booklet for
YUV(154.8120, 45.4487, -17.3751)
contains.

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Color

**YUV(154.8120, 45.4487,
-17.3751)**

Conversions

Conversions Part 1

Format	Color
Hex	8793F7
RGB	135, 147, 247
RGB Percent	53%, 58%, 97%
CMY	0.4706, 0.4235, 0.0314
CMYK	0.45, 0.40, 0.00, 0.03
HSL	234°, 88%, 75%
HSV	234°, 45%, 97%
XYZ	37.2139, 32.7337, 92.3525
YIQ	154.8120, -39.2520, 28.5560

Conversions

Conversions Part 2

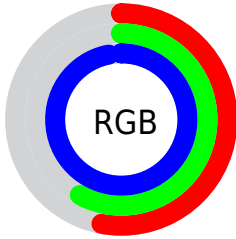
Format	Color
R _Y B	135, 146, 247
Decimal	8885239
CIE Lab	63.94, 21.20, -51.48
CIE LCh	64, 55.675, 292.377
Yxy	32.7337, 0.2293, 0.2017
Android (android.graphics.Color)	4287075319 (0xFF8793F7)
YUV	154.8120, 45.4487, -17.3751
Hunter-Lab	57.2134, 15.9801, -55.6552

Details

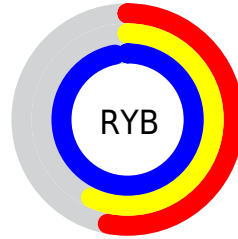
The YUV color $154.8120, 45.4487, -17.3751$ is a light color, and the websafe version is hex $9999FF$. A complement of this color would be $227.1880, -45.4487, 17.3751$, and the grayscale version is $154.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $204.7640, 24.7663, -10.3170$, and $101.6220, 43.5704, -21.5935$ is the 20% darker color. If you saturate the color by 10%, you get $134.4230, 55.5005, -21.4190$, and if you desaturate by 10%, it is $175.2010, 35.3969, -13.3313$.

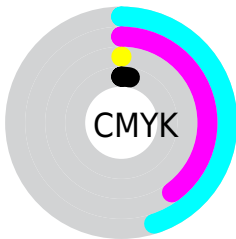
Distribution



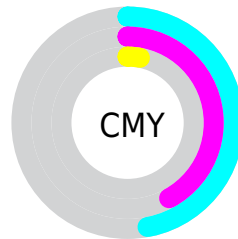
- Red (53%)
- Green (58%)
- Blue (97%)



- Red (53%)
- Yellow (57%)
- Blue (97%)



- Cyan (45%)
- Magenta (40%)
- Yellow (0%)
- Black (3%)



- Cyan (47%)
- Magenta (42%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.8120, 45.4487, -17.3751 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 154.8120, 45.4487, -17.3751 by changing the saturation by 10% instead.

■ 154.8120, 45.4487,
-17.3751

■ 154.8120, 45.4487,
-17.3751

255.0000, 0.0000,
0.0000

■ 127.5730, 44.5805,
-18.9195

■ 204.7640, 24.7663,
-10.3170

■ 101.6220, 43.5704,
-21.5935

■ 229.8710, 12.3886,
-6.9029

■ 74.8880, 43.4392,
-26.2118

■ 254.1030, 0.4422,
-1.8443

■ 45.4410, 44.6456,
-39.8518

■ 30.7370, 39.0767,
-26.9563

■ 14.9730, 34.5233,
-13.1313

■ 10.4760, 24.9083,

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 154.8120, 45.4487,
-17.3751

■ 154.8120, 45.4487,
-17.3751

■ 134.4230, 55.5005,
-21.4190

■ 175.2010, 35.3969,
-13.3313

■ 114.3330, 65.4048,
-24.8480

■ 195.2910, 25.4925,
-9.9022

■ 93.9440, 75.4566,
-28.8919

■ 215.6800, 15.4408,
-5.8584

■ 73.5550, 85.5084,
-32.9357

■ 236.0690, 5.3890,
-1.8145

■ 53.4650, 95.4128,
-36.3648

■ 254.0880, -3.4944,
0.7998

■ 43.4200, 100.3649,
-38.0793

Harmonies

Analogous

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



125.1100, 63.0498, -109.7215



154.8120, 45.4487, -17.3751



159.2830, 27.9615, 38.3398

Triad

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



154.8120, 45.4487, -17.3751



152.6730, -37.3068, 66.0618



120.4460, 9.6401, -105.6311

Complementary

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



154.8120, 45.4487, -17.3751



227.1880, -45.4487, 17.3751

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.



137.1550, -22.2614, -46.6169



154.8120, 45.4487, -17.3751



150.3970, -49.0027, 37.3628

Square

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



154.8120, 45.4487, -17.3751



153.5650, -16.5475, 81.0655



145.7190, -44.2315, 0.2464



126.8470, 31.6274, -111.2448

Rectangle

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



154.8120, 45.4487, -17.3751



157.4790, 14.0609, 63.6009



145.7190, -44.2315, 0.2464



117.9210, 2.5039, -103.4167

Sweetspot

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



154.8120, 45.4487, -17.3751



225.4520, 14.5672, -5.6584



212.0300, 10.8312, -67.5553



109.6820, 9.0308, -3.2291



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.



154.8120, 45.4487, -17.3751



141.5370, 55.9373, -21.5189



160.6250, 42.5829, 15.2379



111.9550, 4.9522, -1.7145



32.9440, 75.4566, -28.8919



10.2480, 24.0347, -8.9875

Inverse Universe

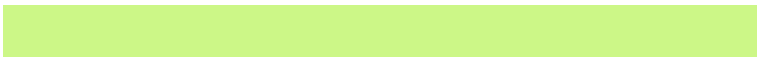
The Inverse Universe completely reimagines the original color for something new.



169.8560, -11.2680, 67.6553



159.9720, -13.7902, 83.3396



221.3750, -42.5829, -15.2379



113.7020, -1.3321, 7.2773



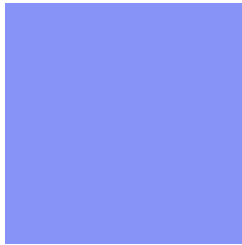
57.8940, -18.6817, 112.3490



18.3250, -6.0762, 35.6720

Previews

White Background



This preview shows how the YUV color 154.8120, 45.4487, -17.3751 looks on a white background.

Color Contrast Check

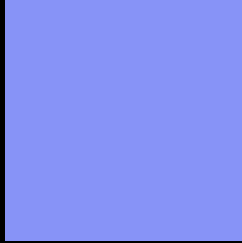
Large Text (above 18pt) WCAG AA × Fail

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 154.8120, 45.4487, -17.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

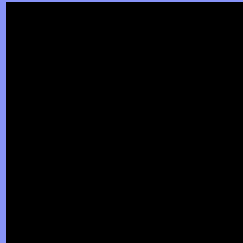
Any Text WCAG AA ✓ Pass

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 154.8120, 45.4487, -17.3751 Background



This preview shows how black text looks on a background with the YUV color 154.8120, 45.4487, -17.3751.



This preview shows how white text looks on a background with the YUV color 154.8120, 45.4487, -17.3751.

-17.3751.

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

154.8120, 45.4487, -17.3751

Protanopia

151.6360, 48.9865, -32.1298

Deuteranopia

150.0110, 46.8296, -40.3516



Tritanopia

149.4290, 12.6065, -30.1942

Trichromacy



Original Color

154.8120, 45.4487, -17.3751

Protanomaly

153.0280, 47.8072, -27.2116

Deuteranomaly

151.6530, 46.5131, -32.1447

Tritanomaly

151.5510, 24.3784, -25.9162

Monochromacy



Original Color

154.8120, 45.4487, -17.3751

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

154.9080, 16.3144, -6.0583

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.8120, 45.4487, -17.3751 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(135, 147, 247)` looks like.

```
.text, #text, p{  
    color:rgb(135, 147, 247)  
}
```

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(135, 147, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 147, 247) }
```

Border

The CSS property to change the border of an element to YUV 154.8120, 45.4487, -17.3751 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(135, 147, 247) }
```


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

```
.border{ border-color:rgb(135, 147, 247) }
```

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

Here you see how a box with a 4 pixel rgb(135, 147, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 147, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 147, 247);  
box-shadow:4px 4px 4px 4px rgb(135, 147,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 154.8120, 45.4487, -17.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 147, 247) }
```

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

```
.background{ background-color: rgb(135,  
147, 247) }
```

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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