

Converting Colors

YUV(147.9930, 50.7825,
-48.2289)

Have a look what the booklet for
YUV(147.9930, 50.7825, -48.2289)
contains.

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Color

**YUV(147.9930, 50.7825,
-48.2289)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9CFB
RGB	93, 156, 251
RGB Percent	36%, 61%, 98%
CMY	0.6353, 0.3882, 0.0157
CMYK	0.63, 0.38, 0.00, 0.02
HSL	216°, 95%, 67%
HSV	216°, 63%, 98%
XYZ	33.8153, 33.0691, 95.8675
YIQ	147.9930, -68.0430, 16.1890

Conversions

Conversions Part 2

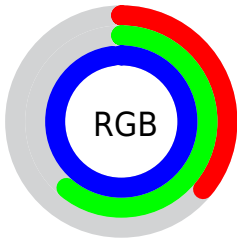
Format	Color
R _Y B	93, 138, 251
Decimal	6135035
CIE Lab	64.22, 8.53, -53.39
CIE LCh	64, 54.063, 279.078
Yxy	33.0691, 0.2078, 0.2032
Android (android.graphics.Color)	4284325115 (0xFF5D9CFB)
YUV	147.9930, 50.7825, -48.2289
Hunter-Lab	57.5058, 4.3287, -58.5880

Details

The YUV color **147.9930, 50.7825, -48.2289** 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 **196.0070, -50.7825, 48.2289**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6850, 27.7633, -38.3117**, and **83.7510, 54.3528, -73.4496** is the 20% darker color. If you saturate the color by 10%, you get **131.7130, 58.8085, -55.8763**, and if you desaturate by 10%, it is **164.2730, 42.7564, -40.5814**.

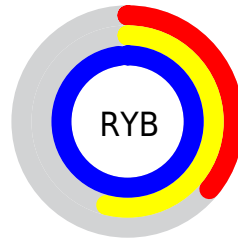
Distribution



Red (36%)

Green (61%)

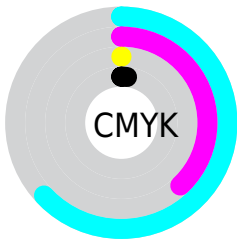
Blue (98%)



Red (36%)

Yellow (54%)

Blue (98%)

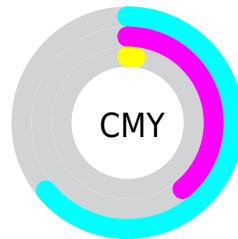


Cyan (63%)

Magenta (38%)

Yellow (0%)

Black (2%)



Cyan (64%)

Magenta (39%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.9930, 50.7825, -48.2289 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 147.9930, 50.7825, -48.2289 by changing the saturation by 10% instead.

■ 147.9930, 50.7825,
-48.2289

■ 147.9930, 50.7825,
-48.2289

255.0000, 0.0000,
0.0000

■ 118.6610, 50.9461,
-54.0767

■ 198.6850, 27.7633,
-38.3117

■ 83.7510, 54.3528,
-73.4496

■ 224.3900, 15.0907,
-33.6680

■ 67.0580, 48.7784,
-58.8099

■ 243.3390, 5.7489,
-23.9763

■ 50.4790, 43.6409,
-44.2701

■ 252.6080, 1.1793,
-4.9182

■ 35.7750, 38.0719,
-31.3747

■ 21.1850, 32.9398,
-18.5792

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 147.9930, 50.7825,
-48.2289

■ 147.9930, 50.7825,
-48.2289

■ 131.7130, 58.8085,
-55.8763

■ 164.2730, 42.7564,
-40.5814

■ 115.4330, 66.8345,
-63.5237

■ 180.5530, 34.7304,
-32.9340

■ 99.1530, 74.8606,
-71.1712

■ 196.8330, 26.7043,
-25.2865

■ 87.3140, 80.6972,
-76.5744

■ 213.1130, 18.6783,
-17.6391

■ 229.3930, 10.6523,
-9.9917

■ 246.5590, 2.1894,
-2.2442

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



127.7200, 57.8190, -112.0104



147.9930, 50.7825, -48.2289



159.9750, 35.0153, 15.8079

Triad

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



147.9930, 50.7825, -48.2289



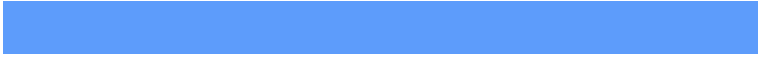
154.4210, -28.3086, 73.2988



125.8370, -3.3706, -85.8030

Complementary

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



147.9930, 50.7825, -48.2289



196.0070, -50.7825, 48.2289

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.



143.5510, -32.8096, -23.2852



147.9930, 50.7825, -48.2289



152.8530, -43.8045, 50.1179

Square

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



147.9930, 50.7825, -48.2289



155.8880, -6.3538, 78.1512



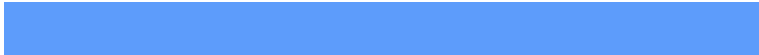
149.4330, -47.0485, 17.1603



124.9260, 21.7285, -109.5601

Rectangle

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



147.9930, 50.7825, -48.2289



159.9590, 22.6982, 46.5170



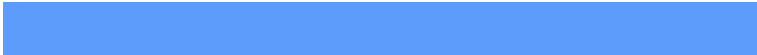
149.4330, -47.0485, 17.1603



135.5110, -15.5349, -57.4531

Sweetspot

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



147.9930, 50.7825, -48.2289



223.6250, 15.4679, -14.5801



196.5760, -4.2280, -90.8362



108.4640, 9.6312, -9.1769



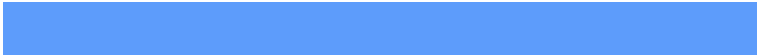
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



147.9930, 50.7825, -48.2289



128.3150, 62.4557, -59.0353



115.7960, 66.6556, -5.9601



116.4170, 4.2314, -3.8737



65.5710, 60.8505, -57.5058



21.0420, 19.6993, -18.4538

Inverse Universe

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



147.4240, 4.2280, 90.8362



127.7840, 5.0365, 111.5684



228.2040, -66.6556, 5.9601



116.4570, 0.2677, 7.4922



65.0610, 4.8999, 108.6945



20.9750, 1.4913, 35.1019

Previews

White Background



This preview shows how the YUV color 147.9930, 50.7825, -48.2289 looks on a white background.

Color Contrast Check

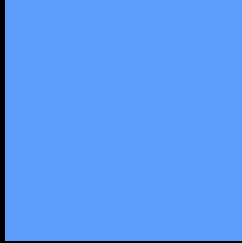
Large Text (above 18pt) WCAG AA × Fail

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 147.9930, 50.7825, -48.2289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

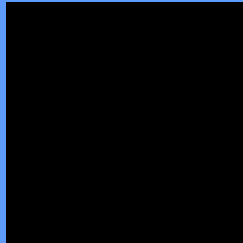
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

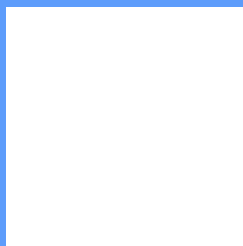
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.9930, 50.7825, -48.2289

Background



This preview shows how black text looks on a background with the YUV color 147.9930, 50.7825, -48.2289.



This preview shows how white text looks on a background with the YUV color 147.9930, 50.7825, -48.2289.

-48.2289.

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

147.9930, 50.7825, -48.2289

Protanopia

152.6640, 46.5076, -30.4003

Deuteranopia

148.3030, 50.6296, -45.8697



Tritanopia

138.1080, 22.6248, -70.2547

Trichromacy



Original Color

147.9930, 50.7825, -48.2289

Protanomaly

150.6740, 47.9817, -36.5481

Deuteranomaly

148.0040, 50.7770, -46.4845

Tritanomaly

141.7960, 32.6386, -62.0881

Monochromacy



Original Color

147.9930, 50.7825, -48.2289

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.9990, 18.2415, -17.5391

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.9930, 50.7825, -48.2289 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(93, 156, 251)` looks like.

```
.text, #text, p{  
    color:rgb(93, 156, 251)  
}
```

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(93, 156, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 156, 251) }
```

Border

The CSS property to change the border of an element to YUV 147.9930, 50.7825, -48.2289 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(93, 156, 251) }
```


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

```
.border{ border-color:rgb(93, 156, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 156, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 156, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 156, 251);  
box-shadow:4px 4px 4px 4px rgb(93, 156,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 147.9930, 50.7825, -48.2289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 156, 251) }
```

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

```
.background{ background-color: rgb(93, 156,  
251) }
```

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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