

Converting Colors

YUV(147.2750, 53.1084,
-47.5992)

Have a look what the booklet for
YUV(147.2750, 53.1084, -47.5992)
contains.

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Color

**YUV(147.2750, 53.1084,
-47.5992)**

Conversions

Conversions Part 1

Format	Color
Hex	5D9AFF
RGB	93, 154, 255
RGB Percent	36%, 60%, 100%
CMY	0.6353, 0.3961, 0.0000
CMYK	0.64, 0.40, 0.00, 0.00
HSL	217°, 100%, 68%
HSV	217°, 64%, 100%
XYZ	34.1198, 32.6584, 99.1131
YIQ	147.2750, -68.7770, 18.4790

Conversions

Conversions Part 2

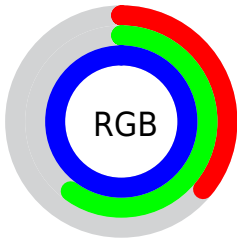
Format	Color
R _{YB}	93, 137, 255
Decimal	6134527
CIE Lab	63.88, 11.03, -56.10
CIE LCh	64, 57.173, 281.121
Yxy	32.6584, 0.2057, 0.1969
Android (android.graphics.Color)	4284324607 (0xFF5D9AFF)
YUV	147.2750, 53.1084, -47.5992
Hunter-Lab	57.1475, 6.5650, -62.8257

Details

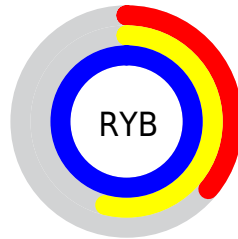
The YUV color **147.2750, 53.1084, -47.5992** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **200.7250, -53.1084, 47.5992**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8100, 28.1947, -36.6674**, and **83.6200, 56.3893, -73.3347** is the 20% darker color. If you saturate the color by 10%, you get **130.1090, 61.5713, -55.3466**, and if you desaturate by 10%, it is **164.4410, 44.6456, -39.8518**.

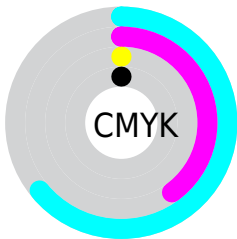
Distribution



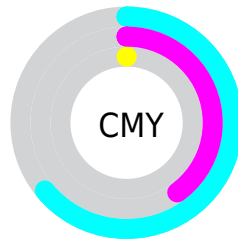
- Red (36%)
- Green (60%)
- Blue (100%)



- Red (36%)
- Yellow (54%)
- Blue (100%)



- Cyan (64%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2750, 53.1084, -47.5992 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 147.2750, 53.1084, -47.5992 by changing the saturation by 10% instead.

■ 147.2750, 53.1084,
-47.5992

■ 147.2750, 53.1084,
-47.5992

255.0000, 0.0000,
0.0000

■ 117.9430, 53.2721,
-53.4470

■ 197.8100, 28.1947,
-36.6674

■ 83.6200, 56.3893,
-73.3347

■ 223.2160, 15.6695,
-32.6384

■ 66.3400, 51.1044,
-58.1802

■ 243.6380, 5.6015,
-23.3615

■ 50.3480, 45.6774,
-44.1552

■ 252.9070, 1.0318,
-4.3034

■ 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

■ 147.2750, 53.1084,
-47.5992

■ 147.2750, 53.1084,
-47.5992

■ 130.1090, 61.5713,
-55.3466

■ 164.4410, 44.6456,
-39.8518

■ 113.2420, 69.8867,
-62.4792

■ 181.3080, 36.3302,
-32.7191

■ 96.0760, 78.3495,
-70.2267

■ 198.4740, 27.8673,
-24.9717

■ 85.4220, 83.6020,
-74.9151

■ 215.3410, 19.5519,
-17.8391

■ 231.9200, 11.3784,
-9.5768

■ 248.7870, 3.0630,
-2.4442

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.



127.8170, 60.7292, -112.0955



147.2750, 53.1084, -47.5992



158.9370, 36.0201, 20.2263

Triad

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



147.2750, 53.1084, -47.5992



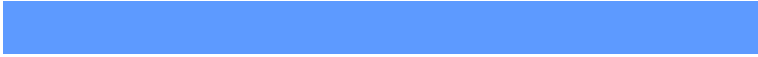
152.7480, -30.9348, 75.6430



117.5790, 1.1936, -103.1168

Complementary

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



147.2750, 53.1084, -47.5992



200.7250, -53.1084, 47.5992

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.



141.4040, -33.2302, -28.4183



147.2750, 53.1084, -47.5992



150.9410, -47.2989, 50.9177

Square

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



147.2750, 53.1084, -47.5992



153.2800, -7.5330, 83.0694



147.0260, -49.8058, 14.8862



125.3820, 23.4757, -109.9600

Rectangle

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



147.2750, 53.1084, -47.5992



158.9920, 22.6819, 51.7500



147.0260, -49.8058, 14.8862



130.9010, -13.7552, -68.3192

Sweetspot

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



147.2750, 53.1084, -47.5992



223.0380, 15.7573, -14.0653



199.4940, -3.2015, -93.3952



107.8770, 9.9206, -8.6621



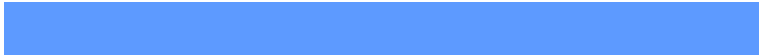
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



147.2750, 53.1084, -47.5992



125.9670, 63.6133, -56.9761



117.1490, 67.9605, -4.5157



119.4170, 4.2314, -3.8737



64.0380, 62.5923, -56.1613



21.3840, 21.0097, -18.7538

Inverse Universe

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



148.3920, 2.7647, 93.4952



127.3280, 3.2893, 111.9683



230.8510, -67.9605, 4.5157



119.4570, 0.2677, 7.4922



65.3170, 3.2947, 110.2240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 147.2750, 53.1084, -47.5992 looks on a white background.

Color Contrast Check

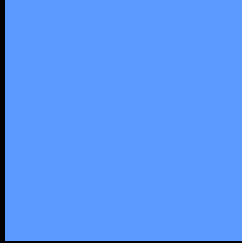
Large Text (above 18pt) WCAG AA × Fail

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 147.2750, 53.1084, -47.5992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

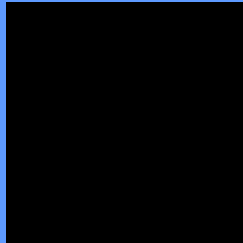
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

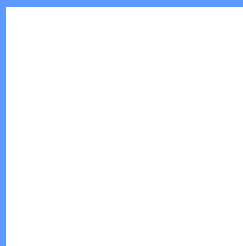
Any Text WCAG AAA ✓ Pass

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

YUV 147.2750, 53.1084, -47.5992 Background



This preview shows how black text looks on a background with the YUV color 147.2750, 53.1084, -47.5992.



This preview shows how white text looks on a background with the YUV color 147.2750, 53.1084, -47.5992.

-47.5992.

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

147.2750, 53.1084, -47.5992

Protanopia

151.1520, 49.7181, -33.4593

Deuteranopia

146.3670, 53.5561, -51.1879



Tritanopia

136.2110, 23.0670, -72.0990

Trichromacy



Original Color

147.2750, 53.1084, -47.5992

Protanomaly

149.7600, 50.8973, -38.3775

Deuteranomaly

146.9650, 53.2613, -49.9583

Tritanomaly

140.4260, 33.8070, -63.5176

Monochromacy



Original Color

147.2750, 53.1084, -47.5992

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.2270, 19.1151, -17.7391

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2750, 53.1084, -47.5992 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, 154, 255)` looks like.

```
.text, #text, p{  
    color:rgb(93, 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(93, 154, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 154, 255) }
```

Border

The CSS property to change the border of an element to YUV 147.2750, 53.1084, -47.5992 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, 154, 255) }
```


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

```
.border{ border-color:rgb(93, 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(93, 154, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 154, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 154, 255);  
box-shadow:4px 4px 4px 4px rgb(93, 154,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 147.2750, 53.1084, -47.5992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 154, 255) }
```

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

```
.background{ background-color: rgb(93, 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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