

Converting Colors

YUV(122.4530, 59.9227,
-39.8623)

Have a look what the booklet for
YUV(122.4530, 59.9227, -39.8623)
contains.

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Color

**YUV(122.4530, 59.9227,
-39.8623)**

Conversions

Conversions Part 1

Format	Color
Hex	4D7AF4
RGB	77, 122, 244
RGB Percent	30%, 48%, 96%
CMY	0.6980, 0.5216, 0.0431
CMYK	0.68, 0.50, 0.00, 0.04
HSL	224°, 88%, 63%
HSV	224°, 68%, 96%
XYZ	26.3492, 22.0285, 88.4511
YIQ	122.4530, -65.9820, 28.4020

Conversions

Conversions Part 2

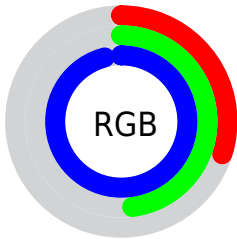
Format	Color
R_{YB}	77, 112, 244
Decimal	5077748
CIE _{Lab}	54.06, 24.05, -65.83
CIE _{LCh}	54, 70.082, 290.071
Yxy	22.0285, 0.1926, 0.1610
Android (android.graphics.Color)	4283267828 (0xFF4D7AF4)
YUV	122.4530, 59.9227, -39.8623
Hunter-Lab	46.9345, 18.0752, -78.8816

Details

The YUV color **122.4530, 59.9227, -39.8623** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **198.5470, -59.9227, 39.8623**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9650, 39.9503, -27.1563**, and **64.7560, 60.2663, -56.7910** is the 20% darker color. If you saturate the color by 10%, you get **104.7110, 68.6695, -45.3505**, and if you desaturate by 10%, it is **140.1950, 51.1759, -34.3740**.

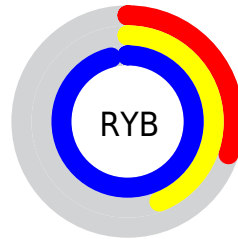
Distribution



Red (30%)

Green (48%)

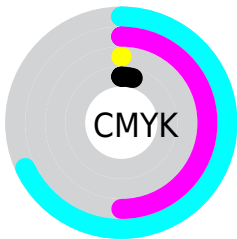
Blue (96%)



Red (30%)

Yellow (44%)

Blue (96%)

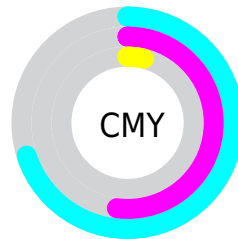


Cyan (68%)

Magenta (50%)

Yellow (0%)

Black (4%)



Cyan (70%)

Magenta (52%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.4530, 59.9227, -39.8623 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 122.4530, 59.9227, -39.8623 by changing the saturation by 10% instead.

■ 122.4530, 59.9227,
-39.8623

■ 122.4530, 59.9227,
-39.8623

255.0000, 0.0000,
0.0000

■ 91.9030, 60.6868,
-51.6579

■ 173.9650, 39.9503,
-27.1563

■ 64.7560, 60.2663,
-56.7910

■ 199.0830, 27.5671,
-21.9978

■ 49.2370, 54.1132,
-43.1808

■ 224.4890, 15.0419,
-17.9689

■ 34.4190, 48.1074,
-30.1855

■ 249.0200, 2.9481,
-12.2955

■ 19.7150, 42.5385,
-17.2901

■ 15.6910, 32.1973,
-13.7610

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 122.4530, 59.9227,
-39.8623

■ 122.4530, 59.9227,
-39.8623

■ 104.7110, 68.6695,
-45.3505

■ 140.1950, 51.1759,
-34.3740

■ 86.6700, 77.5637,
-51.4536

■ 158.2360, 42.2817,
-28.2710

■ 69.5150, 86.0211,
-57.4567

■ 175.3910, 33.8242,
-22.2679

■ 66.5580, 87.4789,
-58.3714

■ 193.4320, 24.9300,
-16.1649

■ 211.1740, 16.1832,
-10.6766

■ 228.9160, 7.4364,
-5.1883

■ 246.9570, -1.4578,
0.9147

■ 253.7460, -4.8048,
1.0998

Harmonies

Analogous

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



111.7400, 67.6692, -97.9960



122.4530, 59.9227, -39.8623



131.8350, 37.5493, 43.1177

Triad

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



122.4530, 59.9227, -39.8623



121.8660, -43.3179, 80.8015



103.0690, 1.4450, -90.3915

Complementary

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



122.4530, 59.9227, -39.8623



198.5470, -59.9227, 39.8623

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.



99.8290, -28.0167, -67.3790



122.4530, 59.9227, -39.8623



121.5800, -59.9389, 45.0953

Square

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



122.4530, 59.9227, -39.8623



118.0220, -12.8288, 101.7127



115.9890, -57.1826, 0.8866



110.8380, 28.6739, -97.2049

Rectangle

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



122.4530, 59.9227, -39.8623



125.5700, 22.8900, 78.4301



115.9890, -57.1826, 0.8866



100.0880, -7.4384, -87.7772

Sweetspot

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



122.4530, 59.9227, -39.8623



215.9610, 19.2462, -13.1208



188.7090, 4.0875, -97.9688



104.3440, 11.6624, -7.3177



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.



122.4530, 59.9227, -39.8623



102.6980, 75.0849, -49.7241



106.8020, 67.6386, 5.4356



113.1290, 4.3734, -2.7441



50.5540, 66.7749, -44.3359



16.1180, 21.1408, -14.1355

Inverse Universe

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



132.0630, -4.9611, 98.1687



114.8750, -6.3474, 122.8896



214.1980, -67.6386, -5.4356



113.9300, -0.4585, 7.0774



61.3140, -5.5778, 109.3496



19.4650, -1.7082, 34.6722

Previews

White Background



This preview shows how the YUV color 122.4530, 59.9227, -39.8623 looks on a white background.

Color Contrast Check

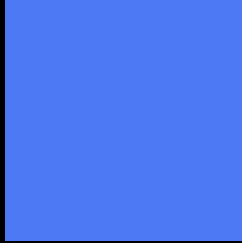
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.4530, 59.9227, -39.8623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

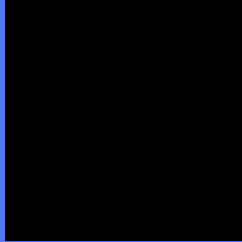
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 122.4530, 59.9227, -39.8623

Background



This preview shows how black text looks on a background with the YUV color 122.4530, 59.9227, -39.8623.



This preview shows how white text looks on a background with the YUV color 122.4530, 59.9227, -39.8623.

-39.8623.

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

122.4530, 59.9227, -39.8623

Protanopia

118.1740, 63.0182, -52.7726

Deuteranopia

103.1170, 62.5533, -90.4336



Tritanopia

101.4970, 25.8840, -89.0129

Trichromacy



Original Color

122.4530, 59.9227, -39.8623

Protanomaly

119.5660, 61.8390, -47.8544

Deuteranomaly

110.2980, 61.4781, -72.1753

Tritanomaly

108.9350, 38.4860, -70.9800

Monochromacy



Original Color

122.4530, 59.9227, -39.8623

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

122.2320, 21.5776, -14.2355

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.4530, 59.9227, -39.8623 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(77, 122, 244)` looks like.

```
.text, #text, p{  
    color:rgb(77, 122, 244)  
}
```

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(77, 122, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 122, 244) }
```

Border

The CSS property to change the border of an element to YUV 122.4530, 59.9227, -39.8623 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(77, 122, 244) }
```


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

```
.border{ border-color:rgb(77, 122, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 122, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 122, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 122, 244);  
box-shadow:4px 4px 4px 4px rgb(77, 122,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 122.4530, 59.9227, -39.8623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 122, 244) }
```

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

```
.background{ background-color: rgb(77, 122,  
244) }
```

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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