

Converting Colors

YUV(127.7530, 58.2958,
-31.3554)

Have a look what the booklet for
YUV(127.7530, 58.2958, -31.3554)
contains.

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Color

**YUV(127.7530, 58.2958,
-31.3554)**

Conversions

Conversions Part 1

Format	Color
Hex	5C7BF6
RGB	92, 123, 246
RGB Percent	36%, 48%, 96%
CMY	0.6392, 0.5176, 0.0353
CMYK	0.63, 0.50, 0.00, 0.04
HSL	228°, 90%, 66%
HSV	228°, 63%, 96%
XYZ	28.1311, 23.0950, 90.1639
YIQ	127.7530, -57.9590, 31.6810

Conversions

Conversions Part 2

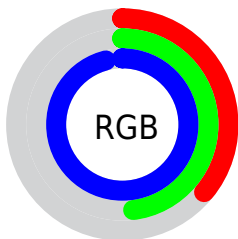
Format	Color
R _Y B	92, 118, 246
Decimal	6061046
CIE Lab	55.17, 26.44, -65.10
CIE LCh	55, 70.269, 292.106
Yxy	23.0950, 0.1990, 0.1633
Android (android.graphics.Color)	4284251126 (0xFF5C7BF6)
YUV	127.7530, 58.2958, -31.3554
Hunter-Lab	48.0573, 20.3876, -77.5983

Details

The YUV color **127.7530, 58.2958, -31.3554** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **210.2470, -58.2958, 31.3554**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1400, 37.8920, -20.2938**, and **65.5710, 60.8505, -57.5058** is the 20% darker color. If you saturate the color by 10%, you get **108.5380, 67.7688, -36.4288**, and if you desaturate by 10%, it is **146.9680, 48.8228, -26.2819**.

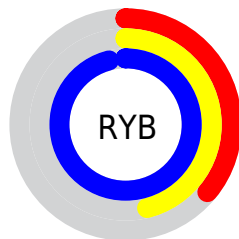
Distribution



Red (36%)

Green (48%)

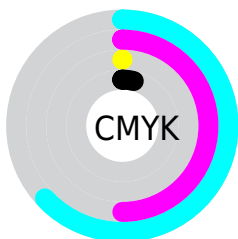
Blue (96%)



Red (36%)

Yellow (46%)

Blue (96%)

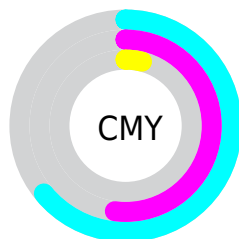


Cyan (63%)

Magenta (50%)

Yellow (0%)

Black (4%)



Cyan (64%)

Magenta (52%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7530, 58.2958, -31.3554 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 127.7530, 58.2958, -31.3554 by changing the saturation by 10% instead.

■ 127.7530, 58.2958,
-31.3554

■ 127.7530, 58.2958,
-31.3554

■ 255.0000, 0.0000,
0.0000

■ 99.0080, 58.1701,
-37.7180

■ 178.1400, 37.8920,
-20.2938

■ 65.5710, 60.8505,
-57.5058

■ 202.9590, 25.6562,
-15.7500

■ 49.4650, 54.9868,
-43.3808

■ 228.6640, 12.9836,
-11.1063

■ 34.6470, 48.9810,
-30.3854

■ 252.3090, 1.3267,
-5.5330

■ 21.1170, 42.8333,
-18.5196

■ 13.5710, 34.2285,
-11.9018

■ 10.2480, 24.0347,

-8.9875

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 127.7530, 58.2958,
-31.3554

■ 127.7530, 58.2958,
-31.3554

■ 108.5380, 67.7688,
-36.4288

■ 146.9680, 48.8228,
-26.2819

■ 90.2090, 76.8050,
-41.4023

■ 165.2970, 39.7866,
-21.3085

■ 70.9940, 86.2780,
-46.4757

■ 184.5120, 30.3136,
-16.2350

■ 57.3940, 92.9828,
-50.3345

■ 203.4280, 20.9880,
-11.7764

■ 222.0560, 11.8044,
-6.1881

■ 241.2710, 2.3314,
-1.1147

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



113.4840, 69.2744, -99.5255



127.7530, 58.2958, -31.3554



134.8140, 36.0807, 47.5211

Triad

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



127.7530, 58.2958, -31.3554



124.8720, -45.7859, 79.0423



105.6280, 3.6344, -92.6358

Complementary

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



127.7530, 58.2958, -31.3554



210.2470, -58.2958, 31.3554

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.



97.3050, -23.3214, -80.0745



127.7530, 58.2958, -31.3554



124.5150, -61.3859, 42.5213

Square

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



127.7530, 58.2958, -31.3554



121.9250, -15.7390, 101.7978



118.0380, -58.1927, -1.7873



113.3970, 30.8633, -99.4492

Rectangle

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



127.7530, 58.2958, -31.3554



128.4240, 20.9900, 81.1892



118.0380, -58.1927, -1.7873



102.6470, -5.2490, -90.0214

Sweetspot

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



127.7530, 58.2958, -31.3554



217.7550, 18.3618, -9.4321



196.1920, 8.2863, -91.3764



104.9420, 11.3676, -6.0881



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.



127.7530, 58.2958, -31.3554



108.0800, 72.4316, -38.6582



122.7120, 60.7810, 11.6536



113.1290, 4.3734, -2.7441



42.9230, 70.5370, -37.6435



13.7700, 22.2984, -12.0763

Inverse Universe

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



141.5800, -9.1599, 91.5763



125.4410, -11.5564, 113.6232



215.2880, -60.7810, -11.6536



113.9300, -0.4585, 7.0774



59.8320, -11.2562, 110.6493



19.0090, -3.4554, 35.0721

Previews

White Background



This preview shows how the YUV color 127.7530, 58.2958, -31.3554 looks on a white background.

Color Contrast Check

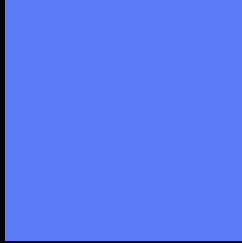
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7530, 58.2958, -31.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

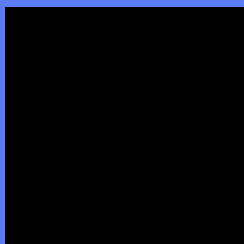
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

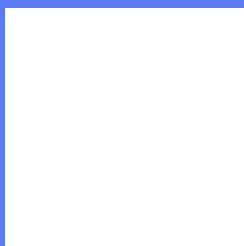
Any Text WCAG AAA × Fail

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

YUV 127.7530, 58.2958, -31.3554 Background



This preview shows how black text looks on a background with the YUV color 127.7530, 58.2958, -31.3554.



This preview shows how white text looks on a background with the YUV color 127.7530, 58.2958, -31.3554.

-31.3554.

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

127.7530, 58.2958, -31.3554

Protanopia

121.5870, 63.3076, -52.2578

Deuteranopia

105.5620, 64.3059, -92.5779



Tritanopia

116.0550, 19.6929, -63.1922

Trichromacy



Original Color

127.7530, 58.2958, -31.3554

Protanomaly

124.1750, 61.5387, -44.8805

Deuteranomaly

113.5370, 62.3463, -70.6309

Tritanomaly

120.2040, 33.9164, -51.9219

Monochromacy



Original Color

127.7530, 58.2958, -31.3554

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8410, 21.2774, -11.2616

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7530, 58.2958, -31.3554 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(92, 123, 246)` looks like.

```
.text, #text, p{  
    color:rgb(92, 123, 246)  
}
```

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(92, 123, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 123, 246) }
```

Border

The CSS property to change the border of an element to YUV 127.7530, 58.2958, -31.3554 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(92, 123, 246) }
```


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

```
.border{ border-color:rgb(92, 123, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 123, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 123, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 123, 246);  
box-shadow:4px 4px 4px 4px rgb(92, 123,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 127.7530, 58.2958, -31.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 123, 246) }
```

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

```
.background{ background-color: rgb(92, 123,  
246) }
```

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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