

Converting Colors

YUV(127.7750, 51.3829,
-54.1767)

Have a look what the booklet for
YUV(127.7750, 51.3829, -54.1767)
contains.

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Color

**YUV(127.7750, 51.3829,
-54.1767)**

Conversions

Conversions Part 1

Format	Color
Hex	428BE8
RGB	66, 139, 232
RGB Percent	26%, 55%, 91%
CMY	0.7412, 0.4549, 0.0902
CMYK	0.72, 0.40, 0.00, 0.09
HSL	214°, 78%, 58%
HSV	214°, 72%, 91%
XYZ	26.0449, 25.4497, 79.8835
YIQ	127.7750, -73.3610, 13.4470

Conversions

Conversions Part 2

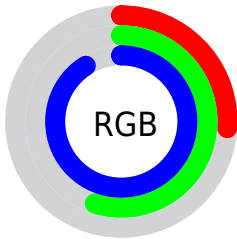
Format	Color
R_{YB}	66, 117, 232
Decimal	4361192
CIE _{Lab}	57.51, 7.90, -53.64
CIE _{LCh}	58, 54.219, 278.382
Yxy	25.4497, 0.1982, 0.1937
Android (android.graphics.Color)	4282551272 (0xFF428BE8)
YUV	127.7750, 51.3829, -54.1767
Hunter-Lab	50.4477, 3.8716, -58.5719

Details

The YUV color **127.7750, 51.3829, -54.1767** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle muted azure. A complement of this color would be **170.2250, -51.3829, 54.1767**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.2420, 36.3627, -43.1852**, and **72.8940, 50.8313, -63.9280** is the 20% darker color. If you saturate the color by 10%, you get **113.2670, 58.5354, -61.6242**, and if you desaturate by 10%, it is **142.2830, 44.2305, -46.7292**.

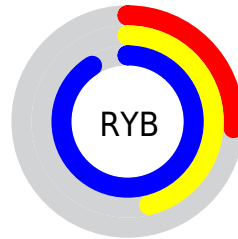
Distribution



Red (26%)

Green (55%)

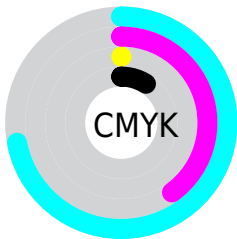
Blue (91%)



Red (26%)

Yellow (46%)

Blue (91%)

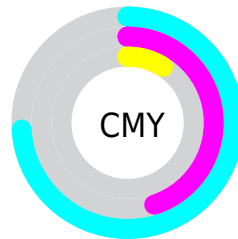


Cyan (72%)

Magenta (40%)

Yellow (0%)

Black (9%)



Cyan (74%)

Magenta (45%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.7750, 51.3829, -54.1767 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 127.7750, 51.3829, -54.1767 by changing the saturation by 10% instead.

■ 127.7750, 51.3829,
-54.1767

■ 127.7750, 51.3829,
-54.1767

255.0000, 0.0000,
0.0000

■ 93.7620, 54.3473,
-71.7053

■ 181.2420, 36.3627,
-43.1852

■ 72.8940, 50.8313,
-63.9280

■ 206.9470, 23.6901,
-38.5415

■ 56.3150, 45.6937,
-49.3883

■ 232.3530, 11.1650,
-34.5126

■ 40.9100, 39.9774,
-35.8781

■ 245.7310, 4.5696,
-19.0581

■ 26.9070, 34.5558,
-23.5974

■ 12.9040, 29.1343,
-11.3168

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,
-3.2142

■ 0.0000, 0.0000,
0.0000

■ 127.7750, 51.3829,
-54.1767

■ 127.7750, 51.3829,
-54.1767

■ 113.2670, 58.5354,
-61.6242

■ 142.2830, 44.2305,
-46.7292

■ 98.7590, 65.6878,
-69.0716

■ 156.7910, 37.0780,
-39.2817

■ 86.3220, 71.8193,
-75.7044

■ 171.5980, 29.7782,
-31.2194

■ 186.1060, 22.6257,
-23.7720

■ 200.6140, 15.4733,
-16.3245

■ 215.1220, 8.3209,
-8.8770

■ 229.6300, 1.1684,
-1.4295

■ 244.4370, -6.1314,
6.6328

■ 252.3780,
-10.0464, 2.2995

Harmonies

Analogous

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



114.9880, 54.7289, -100.8445



127.7750, 51.3829, -54.1767



141.9640, 35.0207, 14.0636

Triad

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



127.7750, 51.3829, -54.1767



136.1650, -26.7033, 71.7693



104.8470, -1.8966, -91.9508

Complementary

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



127.7750, 51.3829, -54.1767



170.2250, -51.3829, 54.1767

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.



125.8500, -32.9570, -22.6704



127.7750, 51.3829, -54.1767



134.6680, -43.2203, 49.4032

Square

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



127.7750, 51.3829, -54.1767



136.6320, -4.7486, 76.6217



131.3190, -47.4853, 17.2602



111.6070, 18.9277, -97.8793

Rectangle

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



127.7750, 51.3829, -54.1767



141.9480, 22.7036, 44.7726



131.3190, -47.4853, 17.2602



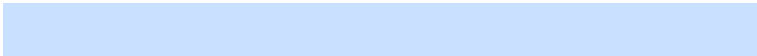
117.2120, -15.3875, -58.0679

Sweetspot

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



127.7750, 51.3829, -54.1767



221.2440, 16.6417, -17.7540



173.8160, -8.2903, -94.5546



107.8660, 9.9261, -10.4065



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.



127.7750, 51.3829, -54.1767



117.3180, 67.8772, -71.3159



87.3160, 71.3292, -11.6781



107.3030, 3.7946, -3.7737



66.1920, 55.6143, -58.0504



18.7280, 15.9101, -16.4245

Inverse Universe

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



123.9560, 7.4167, 94.7546



112.4250, 9.6505, 125.0383



210.6840, -71.3292, 11.6781



107.1580, 0.4151, 6.8774



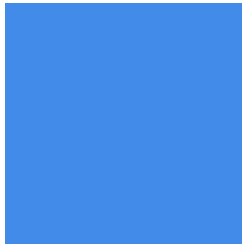
62.4130, 7.6844, 102.2468



17.7570, 2.0918, 29.1541

Previews

White Background



This preview shows how the YUV color 127.7750, 51.3829, -54.1767 looks on a white background.

Color Contrast Check

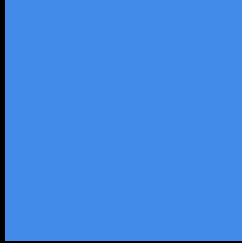
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.7750, 51.3829, -54.1767 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

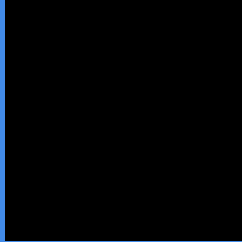
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

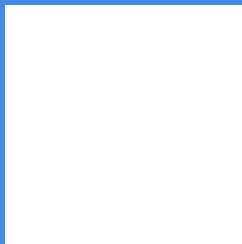
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 127.7750, 51.3829, -54.1767

Background



This preview shows how black text looks on a background with the YUV color 127.7750, 51.3829, -54.1767.



This preview shows how white text looks on a background with the YUV color 127.7750, 51.3829, -54.1767.

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

127.7750, 51.3829, -54.1767

Protanopia

134.1370, 45.7815, -30.8151

Deuteranopia

128.3840, 51.0827, -51.2028



Tritanopia

108.6210, 27.7948, -95.2606

Trichromacy



Original Color

127.7750, 51.3829, -54.1767

Protanomaly

131.9510, 47.8452, -39.4220

Deuteranomaly

128.0850, 51.2301, -51.8175

Tritanomaly

115.5980, 36.1872, -80.3314

Monochromacy



Original Color

127.7750, 51.3829, -54.1767

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.8030, 18.8311, -19.9982

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.7750, 51.3829, -54.1767 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(66, 139, 232)` looks like.

```
.text, #text, p{  
    color:rgb(66, 139, 232)  
}
```

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(66, 139, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 139, 232) }
```

Border

The CSS property to change the border of an element to YUV 127.7750, 51.3829, -54.1767 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(66, 139, 232) }
```


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

```
.border{ border-color:rgb(66, 139, 232) }
```

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

Here you see how a box with a 4 pixel rgb(66, 139, 232) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 139, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 139, 232);  
box-shadow:4px 4px 4px 4px rgb(66, 139,  
232) }
```

Background

The CSS property to change the background color of an element to YUV 127.7750, 51.3829, -54.1767 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 139, 232) }
```

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

```
.background{ background-color: rgb(66, 139,  
232) }
```

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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