

Converting Colors

YUV(129.3060, 56.0511,
-58.1504)

Have a look what the booklet for
YUV(129.3060, 56.0511, -58.1504)
contains.

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Color

**YUV(129.3060, 56.0511,
-58.1504)**

Conversions

Conversions Part 1

Format	Color
Hex	3F8DF3
RGB	63, 141, 243
RGB Percent	25%, 55%, 95%
CMY	0.7529, 0.4471, 0.0471
CMYK	0.74, 0.42, 0.00, 0.05
HSL	214°, 88%, 60%
HSV	214°, 74%, 95%
XYZ	27.7524, 26.5776, 88.4613
YIQ	129.3060, -79.2300, 15.1860

Conversions

Conversions Part 2

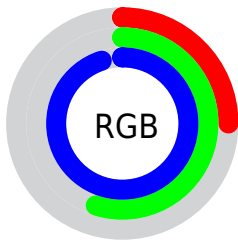
Format	Color
R _Y B	63, 117, 243
Decimal	4165107
CIE Lab	58.58, 10.24, -58.03
CIE LCh	59, 58.929, 280.005
Yxy	26.5776, 0.1944, 0.1861
Android (android.graphics.Color)	4282355187 (0xFF3F8DF3)
YUV	129.3060, 56.0511, -58.1504
Hunter-Lab	51.5534, 5.8722, -65.6491

Details

The YUV color **129.3060, 56.0511, -58.1504** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **176.6940, -56.0511, 58.1504**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.4160, 35.7839, -44.2148**, and **75.2080, 54.6205, -65.9574** is the 20% darker color. If you saturate the color by 10%, you get **113.9120, 63.6404, -65.6978**, and if you desaturate by 10%, it is **144.7000, 48.4619, -50.6029**.

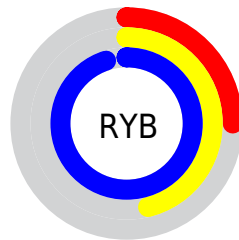
Distribution



Red (25%)

Green (55%)

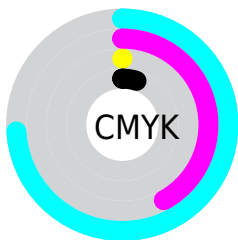
Blue (95%)



Red (25%)

Yellow (46%)

Blue (95%)

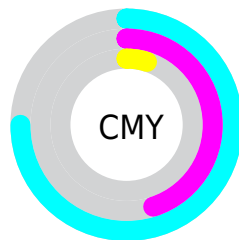


Cyan (74%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (75%)

Magenta (45%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.3060, 56.0511, -58.1504 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 129.3060, 56.0511, -58.1504 by changing the saturation by 10% instead.

■ 129.3060, 56.0511,
-58.1504

■ 129.3060, 56.0511,
-58.1504

255.0000, 0.0000,
0.0000

■ 92.4880, 59.9054,
-81.1120

■ 182.4160, 35.7839,
-44.2148

■ 75.2080, 54.6205,
-65.9574

■ 208.4200, 22.9639,
-38.9563

■ 58.6290, 49.4829,
-51.4176

■ 233.8260, 10.4388,
-34.9274

■ 43.2240, 43.7666,
-37.9074

■ 246.0300, 4.4222,
-18.4433

■ 29.1070, 37.9082,
-25.5268

■ 13.3430, 33.3549,
-11.7018

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 129.3060, 56.0511,
-58.1504

■ 129.3060, 56.0511,
-58.1504

■ 113.9120, 63.6404,
-65.6978

■ 144.7000, 48.4619,
-50.6029

■ 98.2190, 71.3770,
-73.8601

■ 160.3930, 40.7253,
-42.4407

■ 89.3370, 75.7559,
-78.3485

■ 175.2000, 33.4254,
-34.3784

■ 190.5940, 25.8362,
-26.8309

■ 205.9880, 18.2469,
-19.2835

■ 221.6810, 10.5103,
-11.1212

■ 236.4880, 3.2104,
-3.0590

■ 251.2840, -4.0840,
3.2589

■ 253.6320, -5.2416,
1.1997

Harmonies

Analogous

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



118.7040, 58.8129, -104.1034



129.3060, 56.0511, -58.1504



145.2680, 37.3359, 18.1820

Triad

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



129.3060, 56.0511, -58.1504



137.1010, -29.6298, 77.0874



107.5370, -1.7437, -94.3099

Complementary

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



129.3060, 56.0511, -58.1504



176.6940, -56.0511, 58.1504

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.



126.3610, -34.6880, -27.5036



129.3060, 56.0511, -58.1504



136.5990, -48.6093, 51.2177

Square

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



129.3060, 56.0511, -58.1504



137.7470, -5.7913, 84.4139



132.4130, -53.4476, 16.3008



115.3400, 20.5384, -101.1532

Rectangle

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



129.3060, 56.0511, -58.1504



144.3340, 23.9923, 51.4501



132.4130, -53.4476, 16.3008



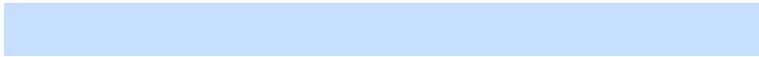
113.3950, -13.0127, -73.1374

Sweetspot

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



129.3060, 56.0511, -58.1504



219.4720, 17.5153, -17.9539



180.2880, -7.5370, -102.8616



106.6810, 10.5103, -11.1212



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.



129.3060, 56.0511, -58.1504



111.4040, 70.7928, -73.1453



87.1080, 76.8548, -10.6187



114.3030, 3.7946, -3.7737



68.7510, 57.8038, -60.2946



21.4010, 18.5363, -18.7687

Inverse Universe

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



125.7120, 7.5370, 102.8616



107.0450, 9.3448, 129.7565



218.8920, -76.8548, 10.6187



114.1580, 0.4151, 6.8774



64.8480, 7.9629, 106.2503



20.4910, 2.2229, 33.7724

Previews

White Background



This preview shows how the YUV color 129.3060, 56.0511, -58.1504 looks on a white background.

Color Contrast Check

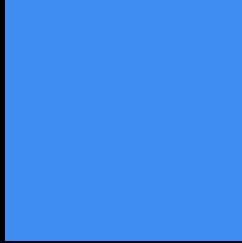
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.3060, 56.0511, -58.1504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

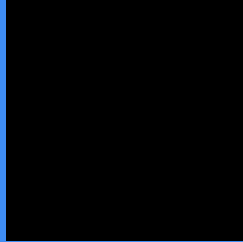
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

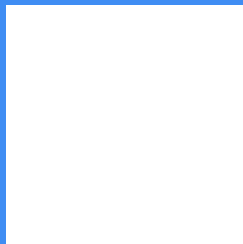
Any Text WCAG AAA × Fail

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

YUV 129.3060, 56.0511, -58.1504 Background



This preview shows how black text looks on a background with the YUV color 129.3060, 56.0511, -58.1504.



This preview shows how white text looks on a background with the YUV color 129.3060, 56.0511, -58.1504.

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

129.3060, 56.0511, -58.1504

Protanopia

136.3690, 50.5971, -35.4036

Deuteranopia

128.3980, 56.4988, -61.7390

Trichromacy



Original Color

129.3060, 56.0511, -58.1504

Protanomaly

133.4820, 52.5134, -43.3957

Deuteranomaly

128.9960, 56.2040, -60.5095

Monochromacy



Original Color

129.3060, 56.0511, -58.1504

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.8460, 20.2889, -20.9129

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.3060, 56.0511, -58.1504 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(63, 141, 243)` looks like.

```
.text, #text, p{  
    color:rgb(63, 141, 243)  
}
```

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(63, 141, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 141, 243) }
```

Border

The CSS property to change the border of an element to YUV 129.3060, 56.0511, -58.1504 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(63, 141, 243) }
```

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

```
.border{ border-color:rgb(63, 141, 243) }
```

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

Here you see how a box with a 4 pixel rgb(63, 141, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 141, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 141, 243);  
box-shadow:4px 4px 4px 4px rgb(63, 141,  
243) }
```


Background

The CSS property to change the background color of an element to YUV 129.3060, 56.0511, -58.1504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 141, 243) }
```

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

```
.background{ background-color: rgb(63, 141,  
243) }
```

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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