

Converting Colors

YUV(128.1940, 56.1064,
-29.1111)

Have a look what the booklet for
YUV(128.1940, 56.1064, -29.1111)
contains.

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Color

**YUV(128.1940, 56.1064,
-29.1111)**

Conversions

Conversions Part 1

Format	Color
Hex	5F7BF2
RGB	95, 123, 242
RGB Percent	37%, 48%, 95%
CMY	0.6275, 0.5176, 0.0510
CMYK	0.61, 0.49, 0.00, 0.05
HSL	229°, 85%, 66%
HSV	229°, 61%, 95%
XYZ	27.8293, 23.0096, 86.9789
YIQ	128.1940, -54.8870, 31.0730

Conversions

Conversions Part 2

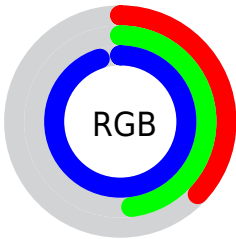
Format	Color
R _Y B	95, 119, 242
Decimal	6257650
CIE Lab	55.08, 25.63, -63.02
CIE LCh	55, 68.029, 292.129
Yxy	23.0096, 0.2019, 0.1670
Android (android.graphics.Color)	4284447730 (0xFF5F7BF2)
YUV	128.1940, 56.1064, -29.1111
Hunter-Lab	47.9683, 19.6139, -73.9302

Details

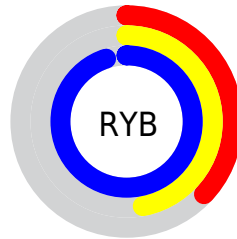
The YUV color **128.1940, 56.1064, -29.1111** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **208.8060, -56.1064, 29.1111**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7380, 37.5972, -19.0642**, and **65.7130, 58.8085, -55.8763** is the 20% darker color. If you saturate the color by 10%, you get **109.2780, 65.4319, -33.5698**, and if you desaturate by 10%, it is **147.1100, 46.7808, -24.6525**.

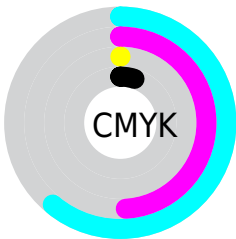
Distribution



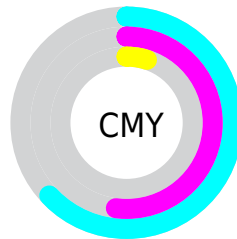
- Red (37%)
- Green (48%)
- Blue (95%)



- Red (37%)
- Yellow (47%)
- Blue (95%)



- Cyan (61%)
- Magenta (49%)
- Yellow (0%)
- Black (5%)



- Cyan (63%)
- Magenta (52%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 128.1940, 56.1064, -29.1111 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 128.1940, 56.1064, -29.1111 by changing the saturation by 10% instead.

■ 128.1940, 56.1064,
-29.1111

■ 128.1940, 56.1064,
-29.1111

■ 255.0000, 0.0000,
0.0000

■ 100.0470, 55.6858,
-34.2442

■ 178.7380, 37.5972,
-19.0642

■ 65.7130, 58.8085,
-55.8763

■ 203.5570, 25.3614,
-14.5205

■ 49.0090, 53.2396,
-42.9809

■ 228.9630, 12.8362,
-10.4916

■ 34.3050, 47.6706,
-30.0855

■ 252.6080, 1.1793,
-4.9182

■ 20.1880, 41.8123,
-17.7049

■ 13.2290, 32.9181,
-11.6018

■ 9.3190, 23.0137,

-8.1728

■ 4.9360, 13.8356,
-4.3289

■ 0.7980, 3.0576,
-0.6998

■ 128.1940, 56.1064,
-29.1111

■ 128.1940, 56.1064,
-29.1111

■ 109.2780, 65.4319,
-33.5698

■ 147.1100, 46.7808,
-24.6525

■ 90.9490, 74.4681,
-38.5433

■ 165.4390, 37.7446,
-19.6790

■ 71.7340, 83.9411,
-43.6167

■ 184.6540, 28.2716,
-14.6056

■ 54.5900, 92.3931,
-47.8754

■ 202.9830, 19.2354,
-9.6321

■ 221.8990, 9.9098,
-5.1734

■ 240.8150, 0.5842,
-0.7148

■ 253.5180, -5.6784,
1.2997

Harmonies

Analogous

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



112.9140, 67.0904, -99.0256



128.1940, 56.1064, -29.1111



134.4610, 34.7757, 46.0767

Triad

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



128.1940, 56.1064, -29.1111



125.3170, -44.0333, 76.8980



105.1550, 4.3606, -92.2209

Complementary

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



128.1940, 56.1064, -29.1111



208.8060, -56.1064, 29.1111

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.



101.8440, -24.0801, -70.0232



128.1940, 56.1064, -29.1111



124.2160, -61.2385, 41.9066

Square

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



128.1940, 56.1064, -29.1111



122.6040, -15.5808, 97.6943



118.3370, -58.3401, -1.1725



112.6960, 30.7159, -98.8344

Rectangle

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



128.1940, 56.1064, -29.1111



129.3590, 19.5430, 78.6152



118.3370, -58.3401, -1.1725



102.1740, -4.5228, -89.6066

Sweetspot

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



128.1940, 56.1064, -29.1111



219.5270, 17.4882, -9.2322



194.7410, 9.0017, -87.4729



105.8280, 10.9308, -5.9882



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.



128.1940, 56.1064, -29.1111



110.7490, 71.1157, -36.6139



124.9140, 57.7234, 12.3534



110.5420, 4.6628, -2.2293



41.5210, 70.2421, -36.4139



12.8410, 21.2774, -11.2616

Inverse Universe

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



142.1450, -9.4385, 87.5728



128.6040, -12.1298, 110.8493



212.0860, -57.7234, -12.3534



111.8160, -0.8953, 7.1774



59.0060, -11.8350, 109.6197



17.9980, -3.4500, 33.3278

Previews

White Background



This preview shows how the YUV color 128.1940, 56.1064, -29.1111 looks on a white background.

Color Contrast Check

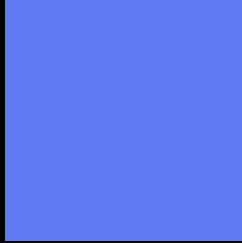
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.1940, 56.1064, -29.1111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

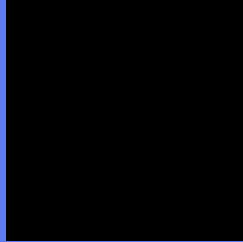
Any Text WCAG AA ✓ Pass

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 128.1940, 56.1064, -29.1111 Background



This preview shows how black text looks on a background with the YUV color 128.1940, 56.1064, -29.1111.



This preview shows how white text looks on a background with the YUV color 128.1940, 56.1064, -29.1111.

-29.1111.

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

128.1940, 56.1064, -29.1111

Protanopia

122.6260, 60.8234, -48.7840

Deuteranopia

105.5620, 64.3059, -92.5779



Tritanopia

118.3440, 18.0714, -56.4297

Trichromacy



Original Color

128.1940, 56.1064, -29.1111

Protanomaly

124.9150, 59.2019, -42.0215

Deuteranomaly

113.9070, 61.1778, -69.2014

Tritanomaly

121.7810, 32.1530, -46.2889

Monochromacy



Original Color

128.1940, 56.1064, -29.1111

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.9120, 20.2564, -10.4468

CSS Examples

Text

The CSS property to change the color of the text to YUV 128.1940, 56.1064, -29.1111 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(95, 123, 242)` looks like.

```
.text, #text, p{  
    color:rgb(95, 123, 242)  
}
```

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(95, 123, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 123, 242) }
```

Border

The CSS property to change the border of an element to YUV 128.1940, 56.1064, -29.1111 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(95, 123, 242) }
```


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

```
.border{ border-color:rgb(95, 123, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 123, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 123, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 123, 242);  
box-shadow:4px 4px 4px 4px rgb(95, 123,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 128.1940, 56.1064, -29.1111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 123, 242) }
```

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

```
.background{ background-color: rgb(95, 123,  
242) }
```

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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