

Converting Colors

YUV(126.4860, 59.9064,
-34.6292)

Have a look what the booklet for
YUV(126.4860, 59.9064, -34.6292)
contains.

YUV(126.4860, 59.9064, -34.6292)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(126.4860, 59.9064,
-34.6292)**

Conversions

Conversions Part 1

Format	Color
Hex	577BF8
RGB	87, 123, 248
RGB Percent	34%, 48%, 97%
CMY	0.6588, 0.5176, 0.0275
CMYK	0.65, 0.50, 0.00, 0.03
HSL	227°, 92%, 66%
HSV	227°, 65%, 97%
XYZ	27.9567, 22.9695, 91.7670
YIQ	126.4860, -61.5810, 31.2430

Conversions

Conversions Part 2

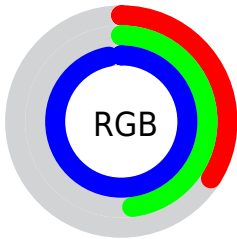
Format	Color
R _Y B	87, 116, 248
Decimal	5733368
CIE Lab	55.04, 26.31, -66.43
CIE LCh	55, 71.454, 291.606
Yxy	22.9695, 0.1959, 0.1610
Android (android.graphics.Color)	4283923448 (0xFF577BF8)
YUV	126.4860, 59.9064, -34.6292
Hunter-Lab	47.9265, 20.2522, -79.9768

Details

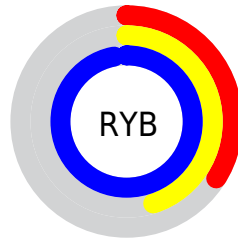
The YUV color **126.4860, 59.9064, -34.6292** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **208.5140, -59.9064, 34.6292**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9440, 38.4816, -22.7529**, and **65.7990, 61.7241, -57.7057** is the 20% darker color. If you saturate the color by 10%, you get **107.8580, 69.0900, -40.2175**, and if you desaturate by 10%, it is **145.1140, 50.7228, -29.0410**.

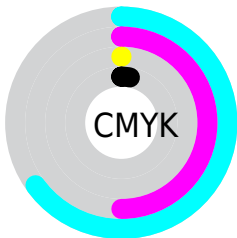
Distribution



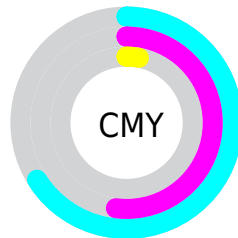
- Red (34%)
- Green (48%)
- Blue (97%)



- Red (34%)
- Yellow (45%)
- Blue (97%)



- Cyan (65%)
- Magenta (50%)
- Yellow (0%)
- Black (3%)



- Cyan (66%)
- Magenta (52%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.4860, 59.9064, -34.6292 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 126.4860, 59.9064, -34.6292 by changing the saturation by 10% instead.

■ 126.4860, 59.9064,
-34.6292

■ 126.4860, 59.9064,
-34.6292

■ 255.0000, 0.0000,
0.0000

■ 96.8440, 60.2229,
-42.8362

■ 176.9440, 38.4816,
-22.7529

■ 65.7990, 61.7241,
-57.7057

■ 202.0620, 26.0984,
-17.5944

■ 49.6930, 55.8604,
-43.5808

■ 227.4680, 13.5733,
-13.5654

■ 34.8750, 49.8546,
-30.5854

■ 251.4120, 1.7689,
-7.3773

■ 21.3450, 43.7069,
-18.7196

■ 14.3860, 34.8127,
-12.6165

■ 10.3620, 24.4715,

-9.0875

■ 5.5060, 16.0195,
-4.8288

■ 2.1830, 5.8258,
-1.9145

■ 126.4860, 59.9064,
-34.6292

■ 126.4860, 59.9064,
-34.6292

■ 107.8580, 69.0900,
-40.2175

■ 145.1140, 50.7228,
-29.0410

■ 88.6430, 78.5630,
-45.2909

■ 164.3290, 41.2498,
-23.9675

■ 70.3140, 87.5992,
-50.2644

■ 182.6580, 32.2136,
-18.9941

■ 60.5570, 92.4094,
-53.1085

■ 201.2860, 23.0300,
-13.4058

■ 219.9140, 13.8464,
-7.8176

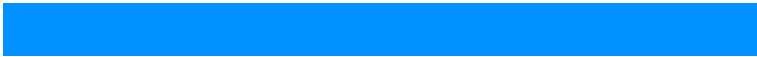
■ 239.1290, 4.3734,
-2.7441

■ 254.2020, -3.0576,
0.6998

Harmonies

Analogous

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



113.5980, 69.7112, -99.6254



126.4860, 59.9064, -34.6292



134.1560, 37.3911, 47.2212

Triad

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



126.4860, 59.9064, -34.6292



123.8830, -45.7913, 80.7866



105.5140, 3.1976, -92.5358

Complementary

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



126.4860, 59.9064, -34.6292



208.5140, -59.9064, 34.6292

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.



95.7670, -24.0421, -82.2337



126.4860, 59.9064, -34.6292



123.9280, -61.0965, 43.0361

Square

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



126.4860, 59.9064, -34.6292



120.4630, -15.0183, 103.9569



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.



126.4860, 59.9064, -34.6292



127.6630, 21.8581, 82.7335



118.0380, -58.1927, -1.7873



102.4190, -6.1226, -89.8215

Sweetspot

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



126.4860, 59.9064, -34.6292



218.3420, 18.0724, -9.9469



195.5290, 7.1342, -95.1799



105.5290, 11.0782, -6.6029



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.



126.4860, 59.9064, -34.6292



105.1010, 73.9002, -43.0616



118.2110, 63.9860, 10.3390



115.2430, 4.8102, -2.8441



46.2000, 70.4004, -40.5174



15.1720, 22.5932, -13.3058

Inverse Universe

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



139.2430, -8.0078, 95.3799



120.6310, -9.6781, 117.8416



216.7890, -63.9860, -10.3390



116.2290, -0.6059, 7.6922



61.2990, -9.5144, 111.9938



19.8350, -2.8767, 36.1017

Previews

White Background



This preview shows how the YUV color 126.4860, 59.9064, -34.6292 looks on a white background.

Color Contrast Check

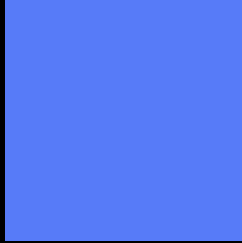
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.4860, 59.9064, -34.6292 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 126.4860, 59.9064, -34.6292

Background



This preview shows how black text looks on a background with the YUV color 126.4860, 59.9064, -34.6292.



This preview shows how white text looks on a background with the YUV color 126.4860, 59.9064, -34.6292.

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

126.4860, 59.9064, -34.6292

Protanopia

120.9180, 64.6234, -54.3021

Deuteranopia

105.4480, 63.8691, -92.4779



Tritanopia

110.7870, 22.7830, -74.3582

Trichromacy



Original Color

126.4860, 59.9064, -34.6292

Protanomaly

123.2070, 63.0019, -47.5395

Deuteranomaly

113.2380, 62.4937, -71.2457

Tritanomaly

116.4310, 36.2695, -60.0140

Monochromacy



Original Color

126.4860, 59.9064, -34.6292

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.2430, 21.5722, -12.4911

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.4860, 59.9064, -34.6292 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(87, 123, 248)` looks like.

```
.text, #text, p{  
    color:rgb(87, 123, 248)  
}
```

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(87, 123, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 123, 248) }
```

Border

The CSS property to change the border of an element to YUV 126.4860, 59.9064, -34.6292 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(87, 123, 248) }
```


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

```
.border{ border-color:rgb(87, 123, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 123, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 123, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 123, 248);  
box-shadow:4px 4px 4px 4px rgb(87, 123,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 126.4860, 59.9064, -34.6292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 123, 248) }
```

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

```
.background{ background-color: rgb(87, 123,  
248) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor