

Converting Colors

YUV(133.1170, 59.5953,
-28.1666)

Have a look what the booklet for
YUV(133.1170, 59.5953, -28.1666)
contains.

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Color

**YUV(133.1170, 59.5953,
-28.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	657EFE
RGB	101, 126, 254
RGB Percent	40%, 49%, 100%
CMY	0.6039, 0.5059, 0.0039
CMYK	0.60, 0.50, 0.00, 0.00
HSL	230°, 99%, 70%
HSV	230°, 60%, 100%
XYZ	30.7171, 24.8442, 96.9424
YIQ	133.1170, -55.9880, 34.5080

Conversions

Conversions Part 2

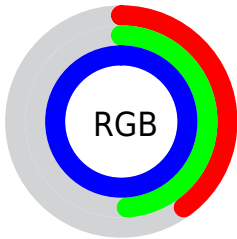
Format	Color
RYB	101, 122, 254
Decimal	6651646
CIELab	56.92, 28.80, -66.67
CIELCh	57, 72.628, 293.361
Yxy	24.8442, 0.2014, 0.1629
Android (android.graphics.Color)	4284841726 (0xFF657EFE)
YUV	133.1170, 59.5953, -28.1666
Hunter-Lab	49.8439, 22.7765, -80.4235

Details

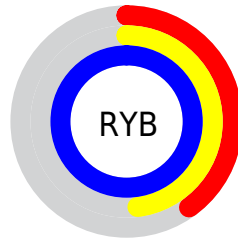
The YUV color **133.1170, 59.5953, -28.1666** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **221.8830, -59.5953, 28.1666**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2930, 35.8446, -16.9200**, and **72.6150, 60.8288, -50.5284** is the 20% darker color. If you saturate the color by 10%, you get **113.3150, 69.3577, -32.7253**, and if you desaturate by 10%, it is **152.9190, 49.8329, -23.6080**.

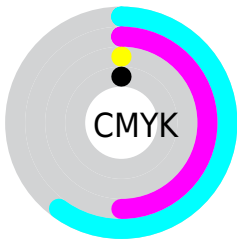
Distribution



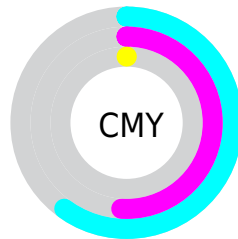
- Red (40%)
- Green (49%)
- Blue (100%)



- Red (40%)
- Yellow (48%)
- Blue (100%)



- Cyan (60%)
- Magenta (50%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (51%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.1170, 59.5953, -28.1666 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 133.1170, 59.5953, -28.1666 by changing the saturation by 10% instead.

■ 133.1170, 59.5953,
-28.1666

■ 133.1170, 59.5953,
-28.1666

255.0000, 0.0000,
0.0000

■ 104.9700, 59.1748,
-33.2997

■ 182.2930, 35.8446,
-16.9200

■ 72.6150, 60.8288,
-50.5284

■ 207.9980, 23.1720,
-12.2762

■ 51.5510, 57.9024,
-45.2102

■ 233.4040, 10.6468,
-8.2473

■ 36.6190, 51.4598,
-32.1149

■ 23.6760, 45.0227,
-20.7639

■ 10.8470, 39.0224,
-9.5128

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 133.1170, 59.5953,
-28.1666

■ 133.1170, 59.5953,
-28.1666

■ 113.3150, 69.3577,
-32.7253

■ 152.9190, 49.8329,
-23.6080

■ 93.2140, 79.2675,
-37.8987

■ 173.0200, 39.9231,
-18.4345

■ 72.8250, 89.3193,
-41.9425

■ 193.4090, 29.8714,
-14.3907

■ 53.6100, 98.7923,
-47.0160

■ 213.5100, 19.9616,
-9.2173

■ 233.3120, 10.1992,
-4.6586

■ 253.1140, 0.4368,
-0.1000

■ 254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



116.5330, 68.2642, -102.1994



133.1170, 59.5953, -28.1666



138.6620, 36.6486, 52.0394

Triad

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



133.1170, 59.5953, -28.1666



128.7860, -48.7015, 80.8717



109.9480, 4.9556, -96.4244

Complementary

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



133.1170, 59.5953, -28.1666



221.8830, -59.5953, 28.1666

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.



99.4890, -22.4261, -87.2519



133.1170, 59.5953, -28.1666



128.3470, -63.2751, 41.7917

Square

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



133.1170, 59.5953, -28.1666



125.6050, -17.0603, 105.5864



121.8590, -60.0765, -4.2613



117.9450, 33.0581, -103.4378

Rectangle

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



133.1170, 59.5953, -28.1666



131.7560, 20.8263, 87.0370



121.8590, -60.0765, -4.2613



106.8530, -4.3645, -93.7101

Sweetspot

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



133.1170, 59.5953, -28.1666



218.9400, 17.7776, -8.7174



205.2890, 11.1965, -91.4615



105.2410, 11.2202, -5.4734



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.



133.1170, 59.5953, -28.1666



109.5860, 71.6891, -33.8399



133.6910, 59.3123, 16.0570



117.6560, 5.0996, -2.3293



39.9710, 74.4573, -35.0546



13.1660, 25.0612, -11.5466

Inverse Universe

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



149.5970, -11.6333, 91.5614



129.4360, -14.0189, 110.1196



221.3090, -59.3123, -16.0570



119.1150, -1.0427, 7.7921



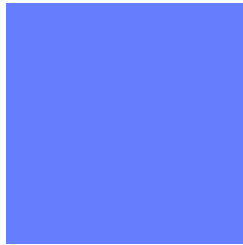
60.6430, -14.6140, 114.3231



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 133.1170, 59.5953, -28.1666 looks on a white background.

Color Contrast Check

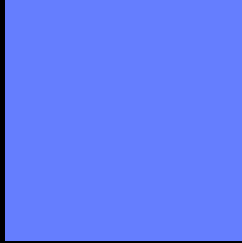
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.1170, 59.5953, -28.1666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

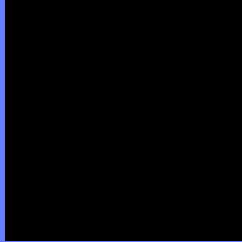
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.1170, 59.5953, -28.1666

Background



This preview shows how black text looks on a background with the YUV color 133.1170, 59.5953, -28.1666.



This preview shows how white text looks on a background with the YUV color 133.1170, 59.5953, -28.1666.

-28.1666.

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

133.1170, 59.5953, -28.1666

Protanopia

127.4840, 62.8654, -50.4135

Deuteranopia

109.4090, 66.3534, -95.9517



Tritanopia

123.1590, 18.6556, -57.1444

Trichromacy



Original Color

133.1170, 59.5953, -28.1666

Protanomaly

129.5990, 61.8227, -42.6213

Deuteranomaly

117.9930, 64.0935, -71.0309

Tritanomaly

127.1230, 33.4634, -46.5889

Monochromacy



Original Color

133.1170, 59.5953, -28.1666

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.6670, 21.8562, -10.2320

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.1170, 59.5953, -28.1666 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(101, 126, 254)` looks like.

```
.text, #text, p{  
    color:rgb(101, 126, 254)  
}
```

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(101, 126, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 126, 254) }
```

Border

The CSS property to change the border of an element to YUV 133.1170, 59.5953, -28.1666 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

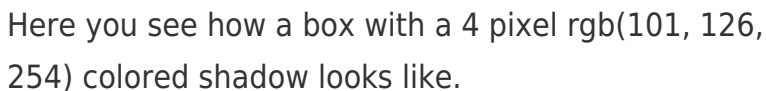
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(101, 126, 254) }
```


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

```
.border{ border-color:rgb(101, 126, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(101, 126, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 126, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 126, 254);  
box-shadow:4px 4px 4px 4px rgb(101, 126,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 133.1170, 59.5953, -28.1666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 126, 254) }
```

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

```
.background{ background-color: rgb(101,  
126, 254) }
```

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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