

Converting Colors

YUV(121.1170, 59.5953,
-28.1666)

Have a look what the booklet for
YUV(121.1170, 59.5953, -28.1666)
contains.

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Color

**YUV(121.1170, 59.5953,
-28.1666)**

Conversions

Conversions Part 1

Format	Color
Hex	5972F2
RGB	89, 114, 242
RGB Percent	35%, 45%, 95%
CMY	0.6510, 0.5529, 0.0510
CMYK	0.63, 0.53, 0.00, 0.05
HSL	230°, 85%, 65%
HSV	230°, 63%, 95%
XYZ	26.1641, 20.5693, 86.5957
YIQ	121.1170, -55.9880, 34.5080

Conversions

Conversions Part 2

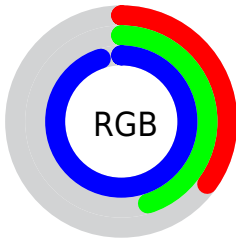
Format	Color
R _Y B	89, 110, 242
Decimal	5862130
CIE _{Lab}	52.47, 30.11, -67.24
CIE _{LCh}	52, 73.672, 294.120
Y _{xy}	20.5693, 0.1962, 0.1543
Android (android.graphics.Color)	4284052210 (0xFF5972F2)
Y _{UV}	121.1170, 59.5953, -28.1666
Hunter-Lab	45.3534, 23.6074, -81.4583

Details

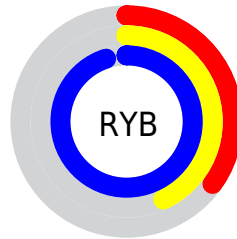
The YUV color **121.1170, 59.5953, -28.1666** is a light color, and the websafe version is hex **6666CC**. The color can be described as light muted azure. A complement of this color would be **209.8830, -59.5953, 28.1666**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9600, 40.9387, -17.5049**, and **60.4190, 61.4184, -52.9875** is the 20% darker color. If you saturate the color by 10%, you get **102.2010, 68.9209, -32.6253**, and if you desaturate by 10%, it is **140.0330, 50.2697, -23.7079**.

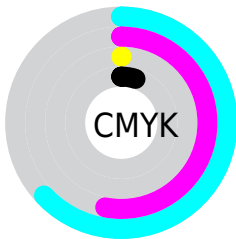
Distribution



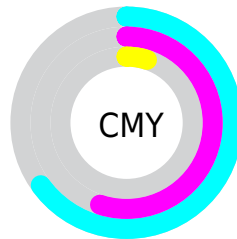
- Red (35%)
- Green (45%)
- Blue (95%)



- Red (35%)
- Yellow (43%)
- Blue (95%)



- Cyan (63%)
- Magenta (53%)
- Yellow (0%)
- Black (5%)



- Cyan (65%)
- Magenta (55%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.1170, 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 121.1170, 59.5953, -28.1666 by changing the saturation by 10% instead.

■ 121.1170, 59.5953,
-28.1666

■ 121.1170, 59.5953,
-28.1666

255.0000, 0.0000,
0.0000

■ 92.6600, 59.3276,
-35.6588

■ 171.9600, 40.9387,
-17.5049

■ 60.4190, 61.4184,
-52.9875

■ 196.7790, 28.7030,
-12.9612

■ 44.3130, 55.5547,
-38.8625

■ 221.8970, 16.3198,
-7.8027

■ 30.0820, 49.2596,
-26.3819

■ 248.1890, 3.3578,
-3.6738

■ 13.7310, 44.9956,
-12.0421

■ 14.8760, 31.6131,
-13.0463

■ 9.2050, 22.5769,

-8.0728

■ 4.9360, 13.8356,
-4.3289

■ 0.6840, 2.6208,
-0.5999

■ 121.1170, 59.5953,
-28.1666

■ 121.1170, 59.5953,
-28.1666

■ 102.2010, 68.9209,
-32.6253

■ 140.0330, 50.2697,
-23.7079

■ 83.2850, 78.2465,
-37.0839

■ 158.9490, 40.9441,
-19.2493

■ 63.4830, 88.0089,
-41.6426

■ 178.7510, 31.1818,
-14.6906

■ 51.0680, 94.1295,
-44.7866

■ 197.6670, 21.8562,
-10.2320

■ 216.5830, 12.5306,
-5.7733

■ 235.4990, 3.2050,
-1.3146

■ 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.



109.1470, 70.4265, -95.7219



121.1170, 59.5953, -28.1666



125.9720, 36.4958, 54.3986

Triad

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



121.1170, 59.5953, -28.1666



115.8630, -52.1905, 79.9271



101.7640, 4.0603, -89.2470

Complementary

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



121.1170, 59.5953, -28.1666



209.8830, -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.



91.1910, -23.7582, -79.9745



121.1170, 59.5953, -28.1666



117.7040, -58.0281, 38.8476

Square

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



121.1170, 59.5953, -28.1666



111.1320, -16.3341, 106.0012



110.9170, -54.6821, -7.8202



109.7610, 32.1628, -96.2604

Rectangle

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



121.1170, 59.5953, -28.1666



117.0060, 21.6890, 90.3257



110.9170, -54.6821, -7.8202



98.6690, -5.2598, -86.5327

Sweetspot

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



121.1170, 59.5953, -28.1666



216.5810, 18.9406, -8.4025



193.2890, 11.1965, -91.4615



104.3550, 11.6570, -5.5733



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.



121.1170, 59.5953, -28.1666



101.9000, 75.4783, -35.8693



121.6910, 59.3123, 16.0570



110.5420, 4.6628, -2.2293



38.5860, 71.6891, -33.8399



11.6670, 21.8562, -10.2320

Inverse Universe

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



137.5970, -11.6333, 91.5614



122.6540, -14.6194, 116.0674



209.3090, -59.3123, -16.0570



111.8160, -0.8953, 7.1774



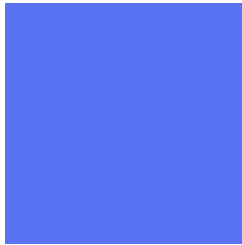
58.4360, -14.0189, 110.1196



17.7700, -4.3236, 33.5277

Previews

White Background



This preview shows how the YUV color 121.1170, 59.5953, -28.1666 looks on a white background.

Color Contrast Check

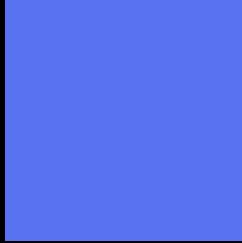
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.1170, 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 121.1170, 59.5953, -28.1666

Background



This preview shows how black text looks on a background with the YUV color 121.1170, 59.5953, -28.1666.



This preview shows how white text looks on a background with the YUV color 121.1170, 59.5953, -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

121.1170, 59.5953, -28.1666

Protanopia

110.1880, 68.4343, -63.3089

Deuteranopia

99.8570, 60.2165, -87.5746



Tritanopia

107.7560, 19.8403, -63.8070

Trichromacy



Original Color

121.1170, 59.5953, -28.1666

Protanomaly

114.3530, 64.9020, -50.2986

Deuteranomaly

107.2880, 60.0040, -66.0276

Tritanomaly

112.9160, 34.0584, -50.7923

Monochromacy



Original Color

121.1170, 59.5953, -28.1666

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.6670, 21.8562, -10.2320

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.1170, 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(89, 114, 242)` looks like.

```
.text, #text, p{  
    color:rgb(89, 114, 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(89, 114, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 114, 242) }
```

Border

The CSS property to change the border of an element to YUV 121.1170, 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(89, 114, 242) }
```


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

```
.border{ border-color:rgb(89, 114, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 114, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 114, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 114, 242);  
box-shadow:4px 4px 4px 4px rgb(89, 114,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 121.1170, 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(89, 114, 242) }
```

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

```
.background{ background-color: rgb(89, 114,  
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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