

Converting Colors

YUV(122.1130, 65.5133,
-59.7351)

Have a look what the booklet for
YUV(122.1130, 65.5133, -59.7351)
contains.

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Color

**YUV(122.1130, 65.5133,
-59.7351)**

Conversions

Conversions Part 1

Format	Color
Hex	3683FF
RGB	54, 131, 255
RGB Percent	21%, 51%, 100%
CMY	0.7882, 0.4863, 0.0000
CMYK	0.79, 0.49, 0.00, 0.00
HSL	217°, 100%, 61%
HSV	217°, 79%, 100%
XYZ	27.6876, 24.2369, 97.8266
YIQ	122.1130, -85.6960, 22.2400

Conversions

Conversions Part 2

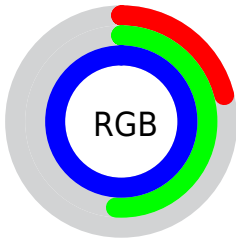
Format	Color
R _Y B	54, 110, 255
Decimal	3572735
CIE Lab	56.32, 19.71, -68.29
CIE LCh	56, 71.078, 286.098
Yxy	24.2369, 0.1849, 0.1618
Android (android.graphics.Color)	4281762815 (0xFF3683FF)
YUV	122.1130, 65.5133, -59.7351
Hunter-Lab	49.2310, 14.2347, -83.3532

Details

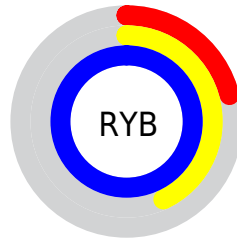
The YUV color **122.1130, 65.5133, -59.7351** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle washed azure. A complement of this color would be **186.8870, -65.5133, 59.7351**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.3610, 39.2620, -39.7816**, and **71.1790, 62.0298, -62.4240** is the 20% darker color. If you saturate the color by 10%, you get **104.9470, 73.9761, -67.4825**, and if you desaturate by 10%, it is **139.2790, 57.0505, -51.9877**.

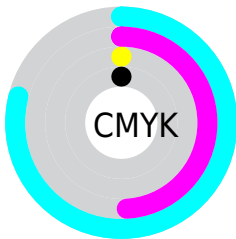
Distribution



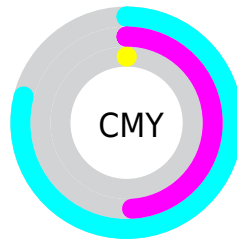
- Red (21%)
- Green (51%)
- Blue (100%)



- Red (21%)
- Yellow (43%)
- Blue (100%)



- Cyan (79%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.1130, 65.5133, -59.7351 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 122.1130, 65.5133, -59.7351 by changing the saturation by 10% instead.

■ 122.1130, 65.5133,
-59.7351

■ 122.1130, 65.5133,
-59.7351

255.0000, 0.0000,
0.0000

■ 87.9860, 68.0409,
-77.1637

■ 175.3610, 39.2620,
-39.7816

■ 71.1790, 62.0298,
-62.4240

■ 201.3650, 26.4421,
-34.5231

■ 55.0730, 56.1660,
-48.2990

■ 227.3690, 13.6221,
-29.2646

■ 40.2550, 50.1603,
-35.3036

■ 246.0300, 4.4222,
-18.4433

■ 26.7250, 44.0126,
-23.4378

■ 16.1300, 36.4179,
-14.1460

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 2.9810, 8.8834,
-2.6143

■ 122.1130, 65.5133,
-59.7351

■ 122.1130, 65.5133,
-59.7351

■ 104.9470, 73.9761,
-67.4825

■ 139.2790, 57.0505,
-51.9877

■ 88.6670, 82.0022,
-75.1300

■ 155.5590, 49.0244,
-44.3402

■ 86.5960, 83.0232,
-75.9447

■ 172.7250, 40.5616,
-36.5928

■ 189.5920, 32.2461,
-29.4602

■ 206.4590, 23.9307,
-22.3275

■ 223.0380, 15.7573,
-14.0653

■ 240.2040, 7.2944,
-6.3179

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



117.1200, 67.9748, -102.7142



122.1130, 65.5133, -59.7351



138.7030, 41.0654, 35.3405

Triad

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



122.1130, 65.5133, -59.7351



127.4090, -40.1346, 86.4643



106.2490, -1.6018, -93.1804

Complementary

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



122.1130, 65.5133, -59.7351



186.8870, -65.5133, 59.7351

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.



110.8650, -35.9224, -51.6246



122.1130, 65.5133, -59.7351



127.2280, -62.7234, 51.5430

Square

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



122.1130, 65.5133, -59.7351



124.2550, -9.4927, 105.0164



122.8220, -60.5512, 8.0491



114.8330, 26.2113, -100.7085

Rectangle

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



122.1130, 65.5133, -59.7351



133.3460, 25.9584, 74.2416



122.8220, -60.5512, 8.0491



102.6810, -10.1957, -90.0512

Sweetspot

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



122.1130, 65.5133, -59.7351



214.4550, 19.9887, -17.9390



186.1230, -4.0046, -115.8719



103.4360, 12.1101, -10.9064



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.



122.1130, 65.5133, -59.7351



95.1790, 78.7918, -72.0710



83.7910, 84.4060, -5.9557



119.4170, 4.2314, -3.8737



64.6250, 62.3029, -56.6761



21.3840, 21.0097, -18.7538

Inverse Universe

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



122.8770, 4.0046, 115.8719



95.9600, 4.9497, 139.4781



225.2090, -84.4060, 5.9557



119.4570, 0.2677, 7.4922



65.4310, 3.7315, 110.1240



21.8720, 1.0491, 36.9463

Previews

White Background



This preview shows how the YUV color 122.1130, 65.5133, -59.7351 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 122.1130, 65.5133, -59.7351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

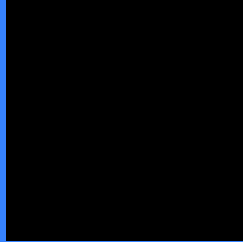
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

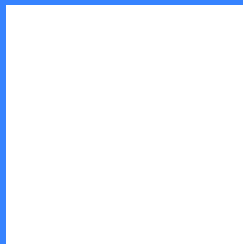
Any Text WCAG AAA × Fail

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

YUV 122.1130, 65.5133, -59.7351 Background



This preview shows how black text looks on a background with the YUV color 122.1130, 65.5133, -59.7351.



This preview shows how white text looks on a background with the YUV color 122.1130, 65.5133, -59.7351.

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

122.1130, 65.5133, -59.7351

Protanopia

125.0000, 63.5970, -51.7430

Deuteranopia

107.7790, 65.1850, -94.5222



Tritanopia

105.5890, 26.3316, -92.6016

Trichromacy



Original Color

122.1130, 65.5133, -59.7351

Protanomaly

123.8040, 64.1866, -54.2021

Deuteranomaly

113.1550, 64.9996, -81.6969

Tritanomaly

111.4500, 40.6972, -80.2017

Monochromacy



Original Color

122.1130, 65.5133, -59.7351

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.7580, 23.7833, -21.7128

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.1130, 65.5133, -59.7351 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(54, 131, 255)` looks like.

```
.text, #text, p{  
    color:rgb(54, 131, 255)  
}
```

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(54, 131, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 131, 255) }
```

Border

The CSS property to change the border of an element to YUV 122.1130, 65.5133, -59.7351 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(54, 131, 255) }
```


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

```
.border{ border-color:rgb(54, 131, 255) }
```

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

Here you see how a box with a 4 pixel rgb(54, 131, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 131, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 131, 255);  
box-shadow:4px 4px 4px 4px rgb(54, 131,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 122.1130, 65.5133, -59.7351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 131, 255) }
```

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

```
.background{ background-color: rgb(54, 131,  
255) }
```

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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