

Converting Colors

YUV(121.8530, 59.7255,
-70.0311)

Have a look what the booklet for
YUV(121.8530, 59.7255, -70.0311)
contains.

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Color

**YUV(121.8530, 59.7255,
-70.0311)**

Conversions

Conversions Part 1

Format	Color
Hex	2A8BF3
RGB	42, 139, 243
RGB Percent	16%, 55%, 95%
CMY	0.8353, 0.4549, 0.0471
CMYK	0.83, 0.43, 0.00, 0.05
HSL	211°, 89%, 56%
HSV	211°, 83%, 95%
XYZ	26.3651, 25.4285, 88.3126
YIQ	121.8530, -91.1960, 11.7800

Conversions

Conversions Part 2

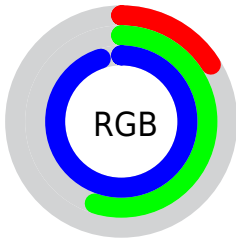
Format	Color
R _{YB}	42, 107, 243
Decimal	2788339
CIE Lab	57.49, 9.32, -59.81
CIE LCh	57, 60.530, 278.855
Yxy	25.4285, 0.1882, 0.1815
Android (android.graphics.Color)	4280978419 (0xFF2A8BF3)
YUV	121.8530, 59.7255, -70.0311
Hunter-Lab	50.4267, 5.0802, -68.5362

Details

The YUV color **121.8530, 59.7255, -70.0311** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle washed azure. A complement of this color would be **163.1470, -59.7255, 70.0311**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9530, 37.9842, -49.9478**, and **74.0340, 55.1992, -64.9278** is the 20% darker color. If you saturate the color by 10%, you get **107.0460, 67.0253, -78.0933**, and if you desaturate by 10%, it is **136.6600, 52.4256, -61.9688**.

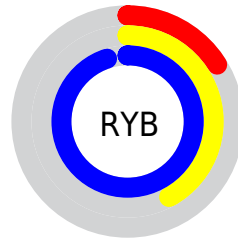
Distribution



Red (16%)

Green (55%)

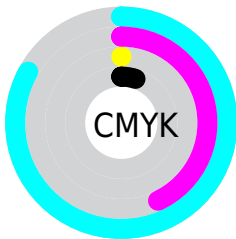
Blue (95%)



Red (16%)

Yellow (42%)

Blue (95%)

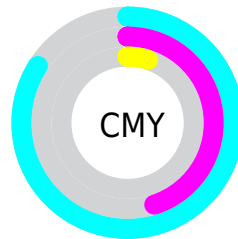


Cyan (83%)

Magenta (43%)

Yellow (0%)

Black (5%)



Cyan (84%)

Magenta (45%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 121.8530, 59.7255, -70.0311 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 121.8530, 59.7255, -70.0311 by changing the saturation by 10% instead.

■ 121.8530, 59.7255,
-70.0311

■ 121.8530, 59.7255,
-70.0311

255.0000, 0.0000,
0.0000

■ 91.3140, 60.4842,
-80.0824

■ 177.9530, 37.9842,
-49.9478

■ 74.0340, 55.1992,
-64.9278

■ 203.9570, 25.1642,
-44.6893

■ 57.4550, 50.0617,
-50.3880

■ 229.6620, 12.4916,
-40.0456

■ 42.0500, 44.3454,
-36.8778

■ 243.3390, 5.7489,
-23.9763

■ 28.5200, 38.1976,
-25.0120

■ 252.6080, 1.1793,
-4.9182

■ 15.6910, 32.1973,
-13.7610

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.0260, 3.9312,
-0.8998

■ 121.8530, 59.7255,
-70.0311

■ 121.8530, 59.7255,
-70.0311

■ 107.0460, 67.0253,
-78.0933

■ 136.6600, 52.4256,
-61.9688

■ 96.3810, 72.2832,
-84.5261

■ 151.1790, 45.2678,
-52.7770

■ 165.9860, 37.9679,
-44.7147

■ 180.2060, 30.9574,
-36.1377

■ 195.0130, 23.6576,
-28.0754

■ 209.5320, 16.4997,
-18.8836

■ 224.3390, 9.1999,
-10.8213

■ 239.1460, 1.9000,
-2.7590

■ 251.8710, -4.3734,
2.7441

Harmonies

Analogous

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



117.4160, 58.9549, -102.9738



121.8530, 59.7255, -70.0311



141.7130, 39.0885, 16.0377

Triad

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



121.8530, 59.7255, -70.0311



133.8240, -29.4932, 79.9614



105.0920, -3.4964, -92.1657

Complementary

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



121.8530, 59.7255, -70.0311



163.1470, -59.7255, 70.0311

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.



123.0900, -37.0194, -26.3889



121.8530, 59.7255, -70.0311



133.2680, -49.9251, 53.2620

Square

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



121.8530, 59.7255, -70.0311



134.3990, -4.6337, 86.4731



128.8710, -58.1104, 18.5301



113.1230, 19.6594, -99.2089

Rectangle

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



121.8530, 59.7255, -70.0311



141.2030, 26.0289, 51.5650



128.8710, -58.1104, 18.5301



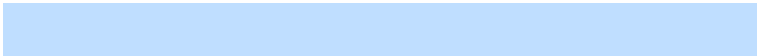
109.3300, -14.4597, -75.7114

Sweetspot

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



121.8530, 59.7255, -70.0311



216.4930, 18.9840, -22.3574



171.8430, -12.7406, -113.8723



104.5990, 11.5367, -13.6803



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.



121.8530, 59.7255, -70.0311



102.7550, 75.0568, -87.4851



65.8110, 87.3542, -18.2512



114.8900, 3.5052, -4.2885



74.0340, 55.1992, -64.9278



23.1620, 17.6681, -20.3131

Inverse Universe

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



113.1570, 12.7406, 113.8723



92.1420, 15.7060, 142.8265



219.1890, -87.3542, 18.2512



114.2720, 0.8519, 6.7775



65.8740, 11.8941, 105.3505



20.8330, 3.5333, 33.4725

Previews

White Background



This preview shows how the YUV color 121.8530, 59.7255, -70.0311 looks on a white background.

Color Contrast Check

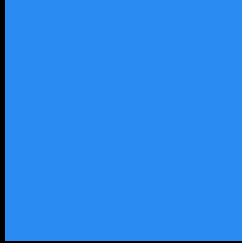
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8530, 59.7255, -70.0311 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

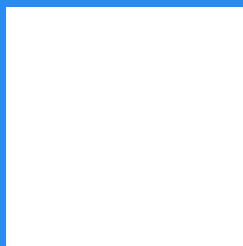
Any Text WCAG AAA × Fail

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

YUV 121.8530, 59.7255, -70.0311 Background



This preview shows how black text looks on a background with the YUV color 121.8530, 59.7255, -70.0311.



This preview shows how white text looks on a background with the YUV color 121.8530, 59.7255, -70.0311.

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

121.8530, 59.7255, -70.0311

Protanopia

132.9990, 51.7655, -36.8331

Deuteranopia

121.2550, 60.0203, -71.2606

Trichromacy



Original Color

121.8530, 59.7255, -70.0311

Protanomaly

129.0190, 54.7136, -49.1287

Deuteranomaly

121.5540, 59.8729, -70.6459

Monochromacy



Original Color

121.8530, 59.7255, -70.0311

Achromatopsia

122.0000, 0.0000, 0.0000

Achromatomaly

121.8670, 21.7576, -25.3164

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8530, 59.7255, -70.0311 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(42, 139, 243)` looks like.

```
.text, #text, p{  
    color:rgb(42, 139, 243)  
}
```

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(42, 139, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 139, 243) }
```

Border

The CSS property to change the border of an element to YUV 121.8530, 59.7255, -70.0311 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(42, 139, 243) }
```

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

```
.border{ border-color:rgb(42, 139, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 139, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 139, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 139, 243);  
box-shadow:4px 4px 4px 4px rgb(42, 139,  
243) }
```


Background

The CSS property to change the background color of an element to YUV 121.8530, 59.7255, -70.0311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 139, 243) }
```

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

```
.background{ background-color: rgb(42, 139,  
243) }
```

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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