

Converting Colors

YUV(154.2970, 49.6466,
-57.2655)

Have a look what the booklet for
YUV(154.2970, 49.6466, -57.2655)
contains.

YUV(154.2970, 49.6466, -57.2655)	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(154.2970, 49.6466,
-57.2655)**

Conversions

Conversions Part 1

Format	Color
Hex	59A8FF
RGB	89, 168, 255
RGB Percent	35%, 66%, 100%
CMY	0.6510, 0.3412, 0.0000
CMYK	0.65, 0.34, 0.00, 0.00
HSL	211°, 100%, 67%
HSV	211°, 65%, 100%
XYZ	36.1725, 37.3491, 99.9103
YIQ	154.2970, -75.0110, 10.3090

Conversions

Conversions Part 2

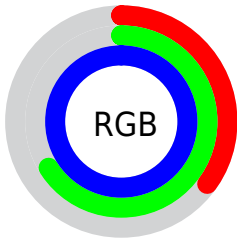
Format	Color
R _Y B	89, 143, 255
Decimal	5875967
CIE Lab	67.54, 2.26, -50.32
CIE LCh	68, 50.368, 272.574
Yxy	37.3491, 0.2086, 0.2154
Android (android.graphics.Color)	4284066047 (0xFF59A8FF)
YUV	154.2970, 49.6466, -57.2655
Hunter-Lab	61.1139, -1.2978, -54.1488

Details

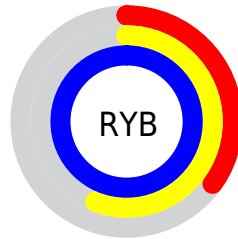
The YUV color **154.2970, 49.6466, -57.2655** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **189.7030, -49.6466, 57.2655**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.7180, 24.2960, -46.2337**, and **90.6640, 52.9166, -79.5123** is the 20% darker color. If you saturate the color by 10%, you get **139.1910, 57.0938, -65.9425**, and if you desaturate by 10%, it is **169.7020, 42.0519, -47.9737**.

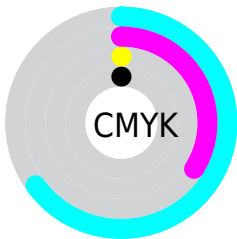
Distribution



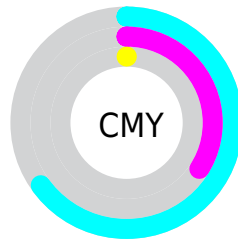
- Red (35%)
- Green (66%)
- Blue (100%)



- Red (35%)
- Yellow (56%)
- Blue (100%)



- Cyan (65%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.2970, 49.6466, -57.2655 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 154.2970, 49.6466, -57.2655 by changing the saturation by 10% instead.

■ 154.2970, 49.6466,
-57.2655

■ 154.2970, 49.6466,
-57.2655

255.0000, 0.0000,
0.0000

■ 124.3670, 50.1051,
-64.3429

■ 205.7180, 24.2960,
-46.2337

■ 90.6640, 52.9166,
-79.5123

■ 231.1240, 11.7709,
-42.2047

■ 73.3840, 47.6317,
-64.3578

■ 242.7410, 6.0437,
-25.2059

■ 56.8050, 42.4941,
-49.8180

■ 252.0100, 1.4741,
-6.1478

■ 41.5140, 37.2146,
-36.4078

■ 26.9240, 32.0825,
-23.6123

■ 11.8610, 27.6765,

-10.4021

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 154.2970, 49.6466,
-57.2655

■ 154.2970, 49.6466,
-57.2655

■ 139.1910, 57.0938,
-65.9425

■ 169.7020, 42.0519,
-47.9737

■ 123.1990, 64.9779,
-74.7195

■ 185.3950, 34.3153,
-39.8114

■ 108.0930, 72.4252,
-83.3966

■ 200.8000, 26.7206,
-30.5196

■ 100.0970, 76.3672,
-87.7851

■ 215.9060, 19.2733,
-21.8426

■ 231.8980, 11.3893,
-13.0655

■ 247.0040, 3.9420,
-4.3885

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.



133.4760, 54.4883, -117.0585



154.2970, 49.6466, -57.2655



167.8380, 36.0689, 4.5271

Triad

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



154.2970, 49.6466, -57.2655



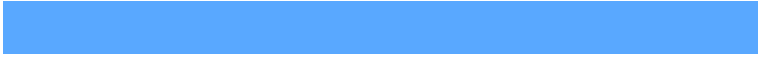
164.4900, -22.9196, 71.4843



145.4230, -12.0405, -58.2530

Complementary

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



154.2970, 49.6466, -57.2655



189.7030, -49.6466, 57.2655

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.



154.8620, -34.4420, -13.0340



154.2970, 49.6466, -57.2655



162.8410, -38.8686, 53.6364

Square

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



154.2970, 49.6466, -57.2655



166.5820, -2.2589, 71.4036



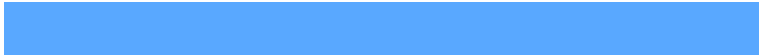
159.5740, -44.1600, 24.0526



128.8070, 18.8291, -112.9637

Rectangle

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



154.2970, 49.6466, -57.2655



169.4630, 24.9147, 35.5509



159.5740, -44.1600, 24.0526



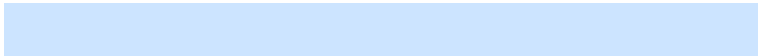
149.8290, -21.1147, -41.0690

Sweetspot

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



154.2970, 49.6466, -57.2655



223.9020, 15.3313, -17.4541



196.2460, -10.4743, -94.0547



108.7520, 9.4893, -10.3065



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.



154.2970, 49.6466, -57.2655



134.4510, 59.4307, -68.8015



108.8210, 72.0662, -14.7520



120.0040, 3.9420, -4.3885



75.1910, 57.0938, -65.9425



24.9060, 19.2733, -21.8426

Inverse Universe

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



147.6400, 10.0375, 94.1547



126.3310, 12.1618, 112.8427



235.1790, -72.0662, 14.7520



119.5710, 0.7045, 7.3922



67.4830, 11.5939, 108.3244



22.5560, 3.6699, 36.3464

Previews

White Background



This preview shows how the YUV color 154.2970, 49.6466, -57.2655 looks on a white background.

Color Contrast Check

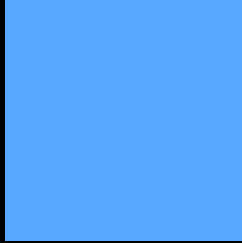
Large Text (above 18pt) WCAG AA × Fail

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 154.2970, 49.6466, -57.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

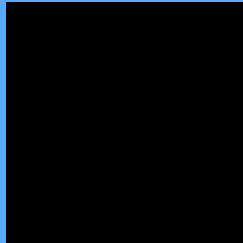
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

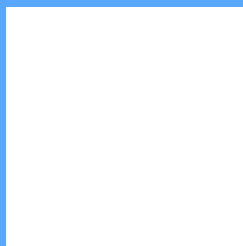
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 154.2970, 49.6466, -57.2655

Background



This preview shows how black text looks on a background with the YUV color 154.2970, 49.6466, -57.2655.



This preview shows how white text looks on a background with the YUV color 154.2970, 49.6466, -57.2655.

-57.2655.

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

154.2970, 49.6466, -57.2655

Protanopia

162.3610, 42.7130, -26.6266

Deuteranopia

159.1360, 47.2610, -38.7073



Tritanopia

144.0360, 25.1253, -78.9616

Trichromacy



Original Color

154.2970, 49.6466, -57.2655

Protanomaly

159.5660, 45.0770, -38.2074

Deuteranomaly

157.6190, 48.0088, -45.2699

Tritanomaly

148.0830, 33.9761, -71.1098

Monochromacy



Original Color

154.2970, 49.6466, -57.2655

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9770, 18.2523, -21.0278

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.2970, 49.6466, -57.2655 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, 168, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 168, 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(89, 168, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 168, 255) }
```

Border

The CSS property to change the border of an element to YUV 154.2970, 49.6466, -57.2655 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, 168, 255) }
```


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

```
.border{ border-color:rgb(89, 168, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 168, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 168, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 168, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 168,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 154.2970, 49.6466, -57.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 168, 255) }
```

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

```
.background{ background-color: rgb(89, 168,  
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](#).

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