

Converting Colors

YUV(152.5580, 50.5039,
-52.2324)

Have a look what the booklet for
YUV(152.5580, 50.5039, -52.2324)
contains.

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Color

**YUV(152.5580, 50.5039,
-52.2324)**

Conversions

Conversions Part 1

Format	Color
Hex	5DA3FF
RGB	93, 163, 255
RGB Percent	36%, 64%, 100%
CMY	0.6353, 0.3608, 0.0000
CMYK	0.64, 0.36, 0.00, 0.00
HSL	214°, 100%, 68%
HSV	214°, 64%, 100%
XYZ	35.6614, 35.7415, 99.6270
YIQ	152.5580, -71.2520, 13.7720

Conversions

Conversions Part 2

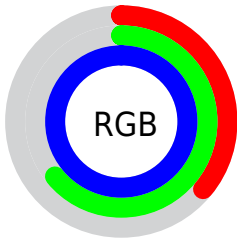
Format	Color
R _Y B	93, 142, 255
Decimal	6136831
CIE Lab	66.32, 5.79, -52.23
CIE LCh	66, 52.550, 276.325
Yxy	35.7415, 0.2085, 0.2090
Android (android.graphics.Color)	4284326911 (0xFF5DA3FF)
YUV	152.5580, 50.5039, -52.2324
Hunter-Lab	59.7842, 1.8531, -56.9544

Details

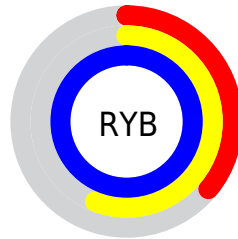
The YUV color **152.5580, 50.5039, -52.2324** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **195.4420, -50.5039, 52.2324**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.6800, 25.3008, -41.8154**, and **88.3160, 54.0742, -77.4531** is the 20% darker color. If you saturate the color by 10%, you get **136.5660, 58.3880, -61.0094**, and if you desaturate by 10%, it is **168.5500, 42.6199, -43.4553**.

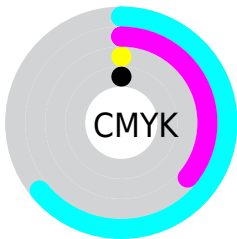
Distribution



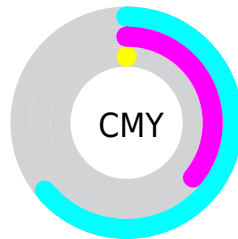
- Red (36%)
- Green (64%)
- Blue (100%)



- Red (36%)
- Yellow (56%)
- Blue (100%)



- Cyan (64%)
- Magenta (36%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (36%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.5580, 50.5039, -52.2324 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 152.5580, 50.5039, -52.2324 by changing the saturation by 10% instead.

■ 152.5580, 50.5039,
-52.2324

■ 152.5580, 50.5039,
-52.2324

255.0000, 0.0000,
0.0000

■ 123.2260, 50.6676,
-58.0802

■ 203.6800, 25.3008,
-41.8154

■ 88.3160, 54.0742,
-77.4531

■ 229.0860, 12.7756,
-37.7864

■ 71.0360, 48.7893,
-62.2986

■ 243.6380, 5.6015,
-23.3615

■ 54.4570, 43.6517,
-47.7588

■ 252.9070, 1.0318,
-4.3034

■ 39.1660, 38.3722,
-34.3486

■ 25.1630, 32.9506,
-22.0680

■ 11.8610, 27.6765,

-10.4021

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 152.5580, 50.5039,
-52.2324

■ 152.5580, 50.5039,
-52.2324

■ 136.5660, 58.3880,
-61.0094

■ 168.5500, 42.6199,
-43.4553

■ 120.2860, 66.4140,
-68.6568

■ 184.8300, 34.5938,
-35.8079

■ 104.2940, 74.2981,
-77.4338

■ 200.8220, 26.7098,
-27.0309

■ 93.6400, 79.5505,
-82.1223

■ 217.1020, 18.6837,
-19.3835

■ 233.0940, 10.7997,
-10.6064

■ 249.3740, 2.7736,
-2.9590

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.



131.4700, 56.9563, -115.2992



152.5580, 50.5039, -52.2324



165.4690, 35.7578, 10.9897

Triad

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



152.5580, 50.5039, -52.2324



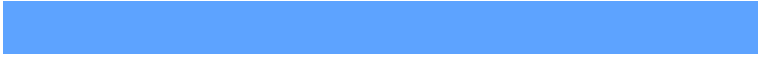
160.4040, -25.8352, 73.3137



138.0840, -7.9294, -70.2337

Complementary

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



152.5580, 50.5039, -52.2324



195.4420, -50.5039, 52.2324

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.



150.6440, -33.8415, -18.9818



152.5580, 50.5039, -52.2324



158.7330, -41.7734, 51.9772

Square

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



152.5580, 50.5039, -52.2324



162.0340, -4.4538, 75.3922



155.7970, -45.7489, 20.3490



127.9750, 20.7183, -112.2341

Rectangle

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



152.5580, 50.5039, -52.2324



165.8660, 23.7301, 42.2135



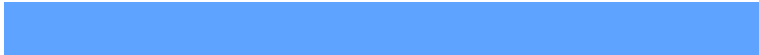
155.7970, -45.7489, 20.3490



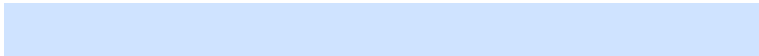
143.8710, -18.1774, -49.8759

Sweetspot

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



152.5580, 50.5039, -52.2324



224.2120, 15.1785, -15.0949



198.5820, -6.6959, -92.5954



109.0510, 9.3419, -9.6917



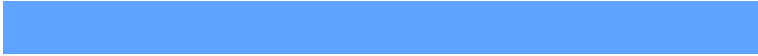
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



152.5580, 50.5039, -52.2324



132.4240, 60.4300, -62.6388



114.7570, 69.1398, -9.4339



119.4170, 4.2314, -3.8737



70.4950, 59.4090, -61.8241



23.7320, 19.8521, -20.8130

Inverse Universe

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



149.4180, 6.6959, 92.5954



128.5820, 8.0941, 110.8686



233.2430, -69.1398, 9.4339



119.4570, 0.2677, 7.4922



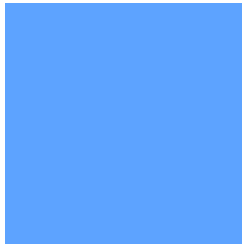
66.5710, 8.0995, 109.1242



22.3280, 2.7963, 36.5463

Previews

White Background



This preview shows how the YUV color 152.5580, 50.5039, -52.2324 looks on a white background.

Color Contrast Check

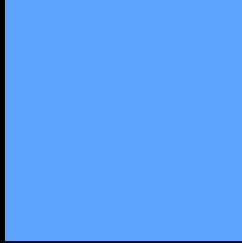
Large Text (above 18pt) WCAG AA × Fail

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 152.5580, 50.5039, -52.2324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

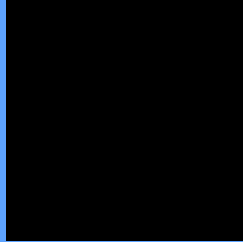
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

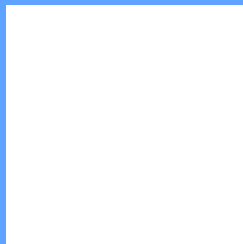
Any Text WCAG AAA ✓ Pass

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

YUV 152.5580, 50.5039, -52.2324 Background



This preview shows how black text looks on a background with the YUV color 152.5580, 50.5039, -52.2324.



This preview shows how white text looks on a background with the YUV color 152.5580, 50.5039, -52.2324.

-52.2324.

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

152.5580, 50.5039, -52.2324

Protanopia

158.3330, 45.1918, -28.3560

Deuteranopia

155.5700, 49.0190, -42.5959



Tritanopia

142.6130, 23.3618, -73.3286

Trichromacy



Original Color

152.5580, 50.5039, -52.2324

Protanomaly

156.1470, 47.2555, -36.9629

Deuteranomaly

154.6620, 49.4666, -46.1846

Tritanomaly

146.0020, 33.5230, -65.7768

Monochromacy



Original Color

152.5580, 50.5039, -52.2324

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9880, 18.2469, -19.2835

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.5580, 50.5039, -52.2324 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(93, 163, 255)` looks like.

```
.text, #text, p{  
    color:rgb(93, 163, 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(93, 163, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 163, 255) }
```

Border

The CSS property to change the border of an element to YUV 152.5580, 50.5039, -52.2324 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(93, 163, 255) }
```


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

```
.border{ border-color:rgb(93, 163, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 163, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 163, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 163, 255);  
box-shadow:4px 4px 4px 4px rgb(93, 163,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 152.5580, 50.5039, -52.2324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 163, 255) }
```

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

```
.background{ background-color: rgb(93, 163,  
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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