

Converting Colors

YUV(151.4630, 51.0437,
-85.4751)

Have a look what the booklet for
YUV(151.4630, 51.0437, -85.4751)
contains.

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Color

**YUV(151.4630, 51.0437,
-85.4751)**

Conversions

Conversions Part 1

Format	Color
Hex	36B5FF
RGB	54, 181, 255
RGB Percent	21%, 71%, 100%
CMY	0.7882, 0.2902, 0.0000
CMYK	0.79, 0.29, 0.00, 0.00
HSL	202°, 100%, 61%
HSV	202°, 79%, 100%
XYZ	36.0952, 41.0520, 100.6292
YIQ	151.4630, -99.4460, -3.9100

Conversions

Conversions Part 2

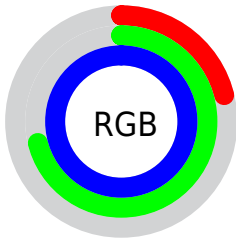
Format	Color
R _Y B	54, 132, 255
Decimal	3585535
CIE Lab	70.21, -9.52, -46.17
CIE LCh	70, 47.143, 258.346
Yxy	41.0520, 0.2030, 0.2309
Android (android.graphics.Color)	4281775615 (0xFF36B5FF)
YUV	151.4630, 51.0437, -85.4751
Hunter-Lab	64.0718, -11.5669, -48.2686

Details

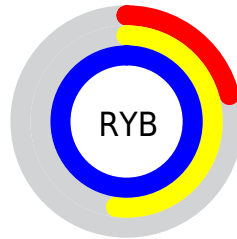
The YUV color **151.4630, 51.0437, -85.4751** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed azure. A complement of this color would be **157.5370, -51.0437, 85.4751**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.0590, 23.6349, -67.5807**, and **97.7080, 49.4440, -85.6899** is the 20% darker color. If you saturate the color by 10%, you get **138.4060, 57.4808, -96.8261**, and if you desaturate by 10%, it is **164.5200, 44.6066, -74.1240**.

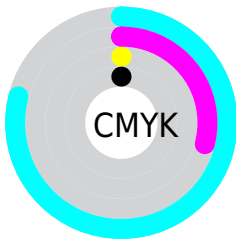
Distribution



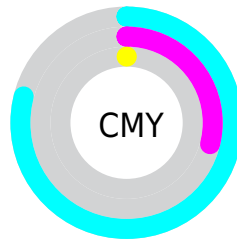
- Red (21%)
- Green (71%)
- Blue (100%)



- Red (21%)
- Yellow (52%)
- Blue (100%)



- Cyan (79%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (79%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.4630, 51.0437, -85.4751 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 151.4630, 51.0437, -85.4751 by changing the saturation by 10% instead.

■ 151.4630, 51.0437,
-85.4751

■ 151.4630, 51.0437,
-85.4751

■ 255.0000, 0.0000,
0.0000

■ 116.1620, 54.1501,
-101.8741

■ 207.0590, 23.6349,
-67.5807

■ 97.7080, 49.4440,
-85.6899

■ 227.1930, 13.7089,
-57.1743

■ 80.4280, 44.1590,
-70.5354

■ 236.7610, 8.9918,
-37.5014

■ 63.2620, 39.3108,
-55.4808

■ 246.0300, 4.4222,
-18.4433

■ 46.7970, 34.6101,
-41.0410

■ 31.6200, 29.7673,
-27.7307

■ 13.0350, 27.0977,

-11.4317

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,
-2.9143

■ 151.4630, 51.0437,
-85.4751

■ 151.4630, 51.0437,
-85.4751

■ 138.4060, 57.4808,
-96.8261

■ 164.5200, 44.6066,
-74.1240

■ 125.0610, 64.0599,
-107.0475

■ 177.8650, 38.0276,
-63.9026

■ 123.5770, 64.7915,
-108.3770

■ 190.9220, 31.5905,
-52.5516

■ 204.2670, 25.0114,
-42.3302

■ 217.0250, 18.7217,
-31.5939

■ 230.0820, 12.2846,
-20.2429

■ 243.7260, 5.5581,
-9.4067

■ 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.



138.3200, 47.6632, -121.3066



151.4630, 51.0437, -85.4751



171.4220, 40.2180, -19.6641

Triad

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



151.4630, 51.0437, -85.4751



172.8240, -12.7312, 70.3144



159.4280, -22.8890, -31.9474

Complementary

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



151.4630, 51.0437, -85.4751



157.5370, -51.0437, 85.4751

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.



165.3590, -38.1380, 5.8242



151.4630, 51.0437, -85.4751



171.3610, -30.7440, 61.0734

Square

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



151.4630, 51.0437, -85.4751



175.3230, 7.2358, 59.3527



168.9870, -40.4196, 37.7224



146.5800, 3.1651, -82.0697

Rectangle

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



151.4630, 51.0437, -85.4751



175.9270, 31.0950, 13.2190



168.9870, -40.4196, 37.7224



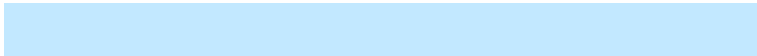
162.0830, -29.6209, -19.3668

Sweetspot

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



151.4630, 51.0437, -85.4751



223.2600, 15.6478, -25.6610



180.4230, -25.8445, -110.8730



108.7190, 9.5055, -15.5396



0.0000, 0.0000, 0.0000



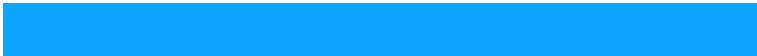
128.0000, 0.0000, 0.0000

Same Dimension

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



151.4630, 51.0437, -85.4751



130.3990, 61.4283, -102.9589



92.7630, 79.9828, -33.9952



121.1780, 3.3632, -5.4181



92.8010, 48.4121, -81.3865



30.7760, 16.3794, -26.9906

Inverse Universe

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



128.5770, 25.8445, 110.8730



102.8000, 31.1576, 133.4794



216.2370, -79.9828, 33.9952



119.7990, 1.5781, 7.1923



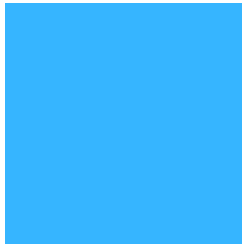
70.9030, 24.6978, 105.3251



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 151.4630, 51.0437, -85.4751 looks on a white background.

Color Contrast Check

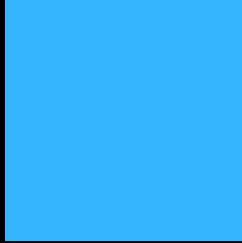
Large Text (above 18pt) WCAG AA × Fail

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 151.4630, 51.0437, -85.4751 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

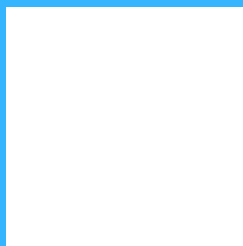
Any Text WCAG AAA ✓ Pass

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

YUV 151.4630, 51.0437, -85.4751 Background



This preview shows how black text looks on a background with the YUV color 151.4630, 51.0437, -85.4751.

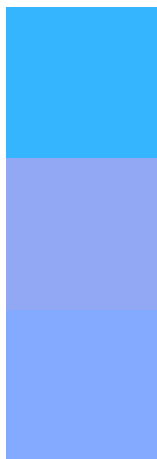


This preview shows how white text looks on a background with the YUV color 151.4630, 51.0437, -85.4751.

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

151.4630, 51.0437, -85.4751

Protanopia

170.0860, 36.4396, -21.1234

Deuteranopia

168.0290, 42.8767, -32.4744



Tritanopia

134.1990, 34.4119, -117.6925

Trichromacy



Original Color

151.4630, 51.0437, -85.4751

Protanomaly

163.6100, 41.6043, -44.3850

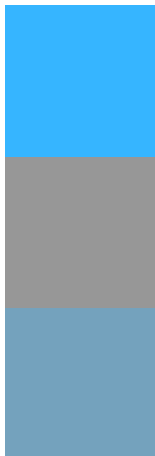
Deuteranomaly

162.0050, 45.8465, -51.7474

Tritanomaly

140.5840, 40.6311, -105.7522

Monochromacy



Original Color

151.4630, 51.0437, -85.4751

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.3240, 18.5743, -30.9791

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.4630, 51.0437, -85.4751 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, 181, 255)` looks like.

```
.text, #text, p{  
    color:rgb(54, 181, 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, 181, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 181, 255) }
```

Border

The CSS property to change the border of an element to YUV 151.4630, 51.0437, -85.4751 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, 181, 255) }
```


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

```
.border{ border-color:rgb(54, 181, 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, 181, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 181, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 181, 255);  
box-shadow:4px 4px 4px 4px rgb(54, 181,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 151.4630, 51.0437, -85.4751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 181, 255) }
```

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

```
.background{ background-color: rgb(54, 181,  
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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