

Converting Colors

YUV(147.2530, 53.1193,
-51.0879)

Have a look what the booklet for
YUV(147.2530, 53.1193, -51.0879)
contains.

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Color

**YUV(147.2530, 53.1193,
-51.0879)**

Conversions

Conversions Part 1

Format	Color
Hex	599CFF
RGB	89, 156, 255
RGB Percent	35%, 61%, 100%
CMY	0.6510, 0.3882, 0.0000
CMYK	0.65, 0.39, 0.00, 0.00
HSL	216°, 100%, 67%
HSV	216°, 65%, 100%
XYZ	34.0583, 33.1208, 99.2056
YIQ	147.2530, -71.7110, 16.5850

Conversions

Conversions Part 2

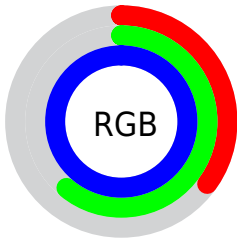
Format	Color
R _Y B	89, 137, 255
Decimal	5872895
CIE Lab	64.26, 9.20, -55.51
CIE LCh	64, 56.270, 279.407
Yxy	33.1208, 0.2047, 0.1991
Android (android.graphics.Color)	4284062975 (0xFF599CFF)
YUV	147.2530, 53.1193, -51.0879
Hunter-Lab	57.5507, 4.9221, -61.9184

Details

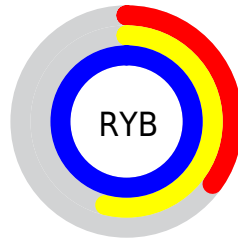
The YUV color **147.2530, 53.1193, -51.0879** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **196.7470, -53.1193, 51.0879**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.0870, 28.0581, -39.5413**, and **84.2070, 56.0999, -73.8495** is the 20% darker color. If you saturate the color by 10%, you get **130.9730, 61.1453, -58.7353**, and if you desaturate by 10%, it is **163.8320, 44.9458, -42.8257**.

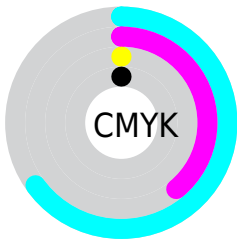
Distribution



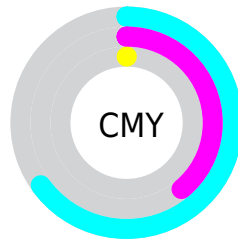
- Red (35%)
- Green (61%)
- Blue (100%)



- Red (35%)
- Yellow (54%)
- Blue (100%)



- Cyan (65%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (39%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2530, 53.1193, -51.0879 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 147.2530, 53.1193, -51.0879 by changing the saturation by 10% instead.

■ 147.2530, 53.1193,
-51.0879

■ 147.2530, 53.1193,
-51.0879

255.0000, 0.0000,
0.0000

■ 117.3230, 53.5778,
-58.1653

■ 198.0870, 28.0581,
-39.5413

■ 84.2070, 56.0999,
-73.8495

■ 223.4930, 15.5330,
-35.5124

■ 67.5140, 50.5256,
-59.2098

■ 242.7410, 6.0437,
-25.2059

■ 51.5220, 45.0987,
-45.1848

■ 252.0100, 1.4741,
-6.1478

■ 36.2310, 39.8191,
-31.7746

■ 21.6410, 34.6870,
-18.9792

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 147.2530, 53.1193,
-51.0879

■ 147.2530, 53.1193,
-51.0879

■ 130.9730, 61.1453,
-58.7353

■ 163.8320, 44.9458,
-42.8257

■ 114.3940, 69.3188,
-66.9975

■ 180.1120, 36.9198,
-35.1782

■ 97.5270, 77.6342,
-74.1302

■ 197.2780, 28.4569,
-27.4308

■ 89.5310, 81.5762,
-78.5187

■ 213.5580, 20.4309,
-19.7834

■ 230.1370, 12.2575,
-11.5211

■ 246.4170, 4.2314,
-3.8737

255.0000, 0.0000,
0.0000

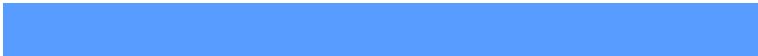
Harmonies

Analogous

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



128.7630, 59.2768, -112.9252



147.2530, 53.1193, -51.0879



160.0290, 36.4677, 16.6376

Triad

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



147.2530, 53.1193, -51.0879



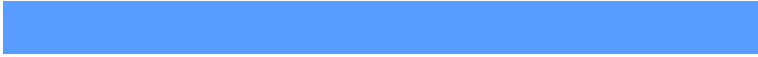
153.5030, -29.3350, 75.8579



118.0520, 0.4674, -103.5316

Complementary

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



147.2530, 53.1193, -51.0879



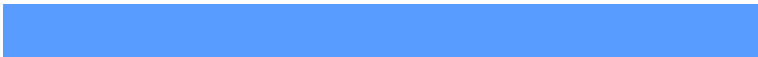
196.7470, -53.1193, 51.0879

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.



142.8990, -33.9672, -25.3444



147.2530, 53.1193, -51.0879



152.5820, -46.1359, 51.2326

Square

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



147.2530, 53.1193, -51.0879



154.9100, -6.3646, 81.6399



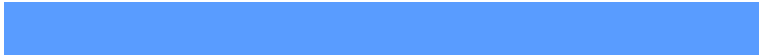
148.5640, -49.0851, 17.0454



125.1540, 22.6021, -109.7601

Rectangle

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



147.2530, 53.1193, -51.0879



159.9100, 23.7084, 49.1909



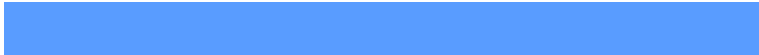
148.5640, -49.0851, 17.0454



133.7770, -15.6661, -62.0714

Sweetspot

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



147.2530, 53.1193, -51.0879



222.1410, 16.1995, -15.9097



197.5000, -5.6695, -95.1545



107.5780, 10.0680, -9.2769



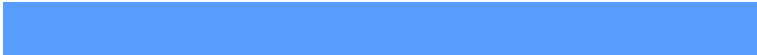
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



147.2530, 53.1193, -51.0879



125.6460, 63.7715, -61.0795



112.1100, 70.4448, -7.9895



119.4170, 4.2314, -3.8737



66.9730, 61.1453, -58.7353



22.5580, 20.4309, -19.7834

Inverse Universe

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



146.2720, 4.7959, 95.3545



124.6210, 5.6098, 114.3424



231.8900, -70.4448, 7.9895



119.4570, 0.2677, 7.4922



65.8870, 5.4787, 109.7241



22.1000, 1.9227, 36.7463

Previews

White Background



This preview shows how the YUV color 147.2530, 53.1193, -51.0879 looks on a white background.

Color Contrast Check

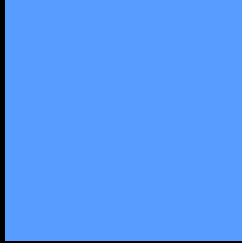
Large Text (above 18pt) WCAG AA × Fail

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 147.2530, 53.1193, -51.0879 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

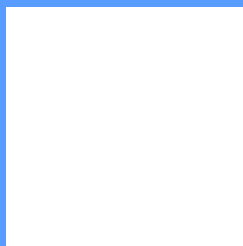
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 147.2530, 53.1193, -51.0879

Background



This preview shows how black text looks on a background with the YUV color 147.2530, 53.1193, -51.0879.



This preview shows how white text looks on a background with the YUV color 147.2530, 53.1193, -51.0879.

-51.0879.

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

147.2530, 53.1193, -51.0879

Protanopia

152.5220, 48.5497, -32.0298

Deuteranopia

147.8510, 52.8245, -49.8583



Tritanopia

135.5200, 24.3936, -77.6320

Trichromacy



Original Color

147.2530, 53.1193, -51.0879

Protanomaly

150.2330, 50.1711, -38.7923

Deuteranomaly

147.5520, 52.9719, -50.4731

Tritanomaly

139.9200, 34.5494, -68.3358

Monochromacy



Original Color

147.2530, 53.1193, -51.0879

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9280, 19.2625, -18.3539

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2530, 53.1193, -51.0879 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, 156, 255)` looks like.

```
.text, #text, p{  
    color:rgb(89, 156, 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, 156, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 156, 255) }
```

Border

The CSS property to change the border of an element to YUV 147.2530, 53.1193, -51.0879 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, 156, 255) }
```


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

```
.border{ border-color:rgb(89, 156, 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, 156, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 156, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 156, 255);  
box-shadow:4px 4px 4px 4px rgb(89, 156,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 147.2530, 53.1193, -51.0879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 156, 255) }
```

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

```
.background{ background-color: rgb(89, 156,  
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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