

Converting Colors

YUV(188.9930, 30.5695,
-51.7369)

Have a look what the booklet for
YUV(188.9930, 30.5695, -51.7369)
contains.

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Color

**YUV(188.9930, 30.5695,
-51.7369)**

Conversions

Conversions Part 1

Format	Color
Hex	82CFFB
RGB	130, 207, 251
RGB Percent	51%, 81%, 98%
CMY	0.4902, 0.1882, 0.0157
CMYK	0.48, 0.18, 0.00, 0.02
HSL	202°, 94%, 75%
HSV	202°, 48%, 98%
XYZ	48.9313, 56.3365, 99.5619
YIQ	188.9930, -60.0160, -2.6400

Conversions

Conversions Part 2

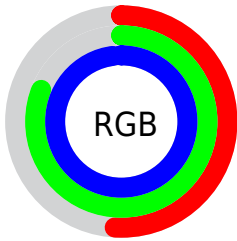
Format	Color
R_{YB}	130, 177, 251
Decimal	8572923
CIE _{Lab}	79.80, -12.22, -28.94
CIE _{LCh}	80, 31.416, 247.106
Yxy	56.3365, 0.2389, 0.2750
Android (android.graphics.Color)	4286763003 (0xFF82CFFB)
YUV	188.9930, 30.5695, -51.7369
Hunter-Lab	75.0577, -14.9838, -26.1062

Details

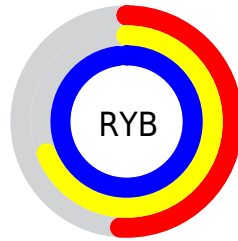
The YUV color **188.9930, 30.5695, -51.7369** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **192.0070, -30.5695, 51.7369**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9670, 9.8763, -41.1901**, and **132.8570, 30.1435, -55.1256** is the 20% darker color. If you saturate the color by 10%, you get **176.2350, 36.8591, -62.4731**, and if you desaturate by 10%, it is **201.7510, 24.2798, -41.0006**.

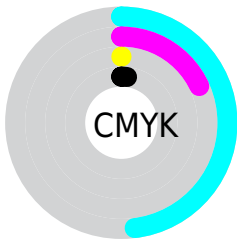
Distribution



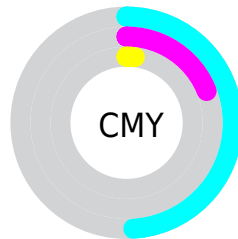
- Red (51%)
- Green (81%)
- Blue (98%)



- Red (51%)
- Yellow (69%)
- Blue (98%)



- Cyan (48%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)



- Cyan (49%)
- Magenta (19%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.9930, 30.5695, -51.7369 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 188.9930, 30.5695, -51.7369 by changing the saturation by 10% instead.

■ 188.9930, 30.5695,
-51.7369

■ 188.9930, 30.5695,
-51.7369

■ 255.0000, 0.0000,
0.0000

■ 160.5800, 30.2801,
-52.2517

■ 234.9670, 9.8763,
-41.1901

■ 132.8570, 30.1435,
-55.1256

■ 243.9370, 5.4541,
-22.7467

■ 103.7530, 31.1808,
-61.1734

■ 252.9070, 1.0318,
-4.3034

■ 75.9480, 32.0706,
-66.6064

■ 58.8960, 27.6593,
-51.6518

■ 42.5450, 23.3953,
-37.3120

■ 27.4820, 18.9894,

-24.1017

■ 6.7770, 18.3509,
-5.9434

■ 3.2090, 9.7570,
-2.8143

■ 188.9930, 30.5695,
-51.7369

■ 188.9930, 30.5695,
-51.7369

■ 176.2350, 36.8591,
-62.4731

■ 201.7510, 24.2798,
-41.0006

■ 163.4770, 43.1488,
-73.2093

■ 214.5090, 17.9901,
-30.2644

■ 150.7190, 49.4385,
-83.9456

■ 227.2670, 11.7004,
-19.5282

■ 137.3740, 56.0176,
-94.1670

■ 240.6120, 5.1213,
-9.3067

■ 124.3170, 62.4547,
-105.5180

■ 253.3700, -1.1684,
1.4295

■ 122.5340, 63.3337,
-107.4623

■ 254.5440, -1.7472,
0.3999

Harmonies

Analogous

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



183.4720, 23.9243, -67.0659



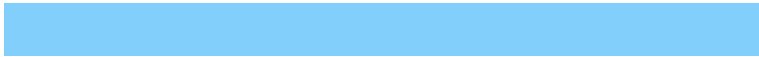
188.9930, 30.5695, -51.7369



196.4250, 28.8775, -22.2977

Triad

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



188.9930, 30.5695, -51.7369



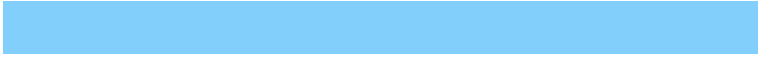
201.4450, -4.6564, 46.9677



192.4290, -20.9175, -10.9002

Complementary

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



188.9930, 30.5695, -51.7369



192.0070, -30.5695, 51.7369

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.



195.5740, -27.3980, 14.4056



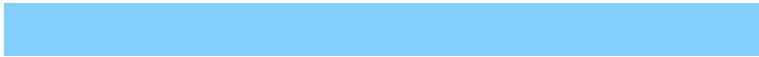
188.9930, 30.5695, -51.7369



200.3020, -17.8969, 47.0931

Square

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



188.9930, 30.5695, -51.7369



202.3260, 9.2063, 33.9171



198.0480, -26.1527, 35.0379



187.9340, -6.8695, -36.7761

Rectangle

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



188.9930, 30.5695, -51.7369



199.8190, 24.7392, -1.5953



198.0480, -26.1527, 35.0379



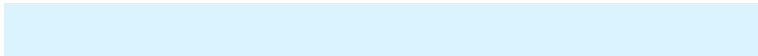
193.3870, -23.8548, -2.0934

Sweetspot

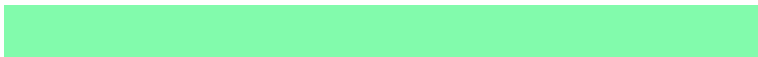
The Sweet Spot groups the original color and five complimentary colors.



188.9930, 30.5695, -51.7369



236.6050, 9.0687, -15.4396



205.8150, -16.6708, -66.4898



116.7260, 5.5581, -9.4067



0.0000, 0.0000, 0.0000



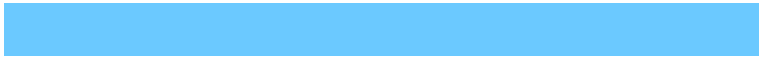
128.0000, 0.0000, 0.0000

Same Dimension

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



188.9930, 30.5695, -51.7369



179.0500, 37.4434, -63.1878



154.3600, 47.6435, -21.3637



118.1780, 3.3632, -5.4181



91.9860, 47.8279, -80.6717



29.8470, 15.3584, -26.1758

Inverse Universe

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



174.9570, 15.7972, 66.6897



161.9680, 19.2428, 81.5891



226.6400, -47.6435, 21.3637



116.7990, 1.5781, 7.1923



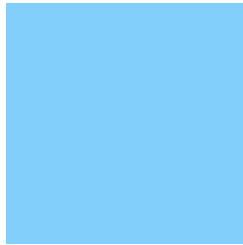
70.1910, 24.5558, 104.1955



22.6850, 8.0433, 33.6023

Previews

White Background



This preview shows how the YUV color 188.9930, 30.5695, -51.7369 looks on a white background.

Color Contrast Check

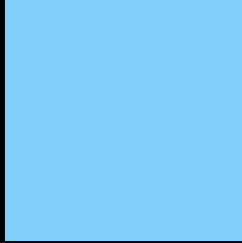
Large Text (above 18pt) WCAG AA × Fail

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 188.9930, 30.5695, -51.7369 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

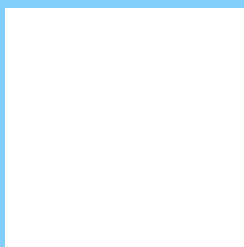
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 188.9930, 30.5695, -51.7369

Background



This preview shows how black text looks on a background with the YUV color 188.9930, 30.5695, -51.7369.



This preview shows how white text looks on a background with the YUV color 188.9930, 30.5695, -51.7369.

-51.7369.

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

188.9930, 30.5695, -51.7369

Protanopia

197.6670, 21.8562, -10.2320

Deuteranopia

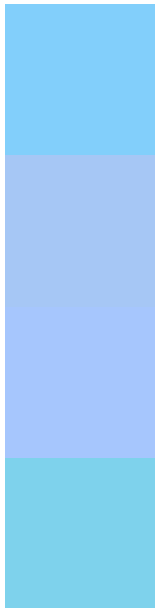
197.8610, 27.6765, -10.4021



Tritanopia

186.6260, 20.3974, -55.8000

Trichromacy



Original Color

188.9930, 30.5695, -51.7369

Protanomaly

194.3770, 24.9571, -24.8866

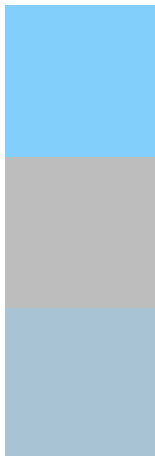
Deuteranomaly

194.7020, 28.7409, -25.1717

Tritanomaly

187.8480, 23.7389, -54.2407

Monochromacy



Original Color

188.9930, 30.5695, -51.7369

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

189.4520, 11.1162, -18.8134

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.9930, 30.5695, -51.7369 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(130, 207, 251)` looks like.

```
.text, #text, p{  
    color:rgb(130, 207, 251)  
}
```

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(130, 207, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 207, 251) }
```

Border

The CSS property to change the border of an element to YUV 188.9930, 30.5695, -51.7369 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(130, 207, 251) }
```


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

```
.border{ border-color:rgb(130, 207, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 207, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 207, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 207, 251);  
box-shadow:4px 4px 4px 4px rgb(130, 207,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 188.9930, 30.5695, -51.7369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 207, 251) }
```

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

```
.background{ background-color: rgb(130,  
207, 251) }
```

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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