

Converting Colors

YUV(188.5520, 32.7589,
-53.9811)

Have a look what the booklet for
YUV(188.5520, 32.7589, -53.9811)
contains.

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Color

**YUV(188.5520, 32.7589,
-53.9811)**

Conversions

Conversions Part 1

Format	Color
Hex	7FCFFF
RGB	127, 207, 255
RGB Percent	50%, 81%, 100%
CMY	0.5020, 0.1882, 0.0000
CMYK	0.50, 0.19, 0.00, 0.00
HSL	202°, 100%, 75%
HSV	202°, 50%, 100%
XYZ	49.1152, 56.3577, 102.8972
YIQ	188.5520, -63.0880, -2.0320

Conversions

Conversions Part 2

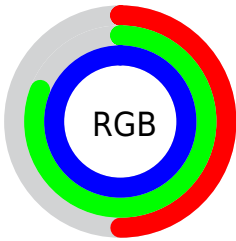
Format	Color
RYB	127, 176, 255
Decimal	8376319
CIELab	79.82, -11.77, -31.06
CIELCh	80, 33.220, 249.246
Yxy	56.3577, 0.2357, 0.2705
Android (android.graphics.Color)	4286566399 (0xFF7FCFFF)
YUV	188.5520, 32.7589, -53.9811
Hunter-Lab	75.0717, -14.5931, -28.7157

Details

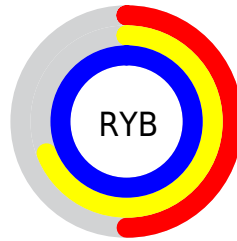
The YUV color **188.5520, 32.7589, -53.9811** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **193.4480, -32.7589, 53.9811**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3690, 10.1711, -42.4196**, and **132.1170, 32.4803, -57.9846** is the 20% darker color. If you saturate the color by 10%, you get **175.2070, 39.3379, -64.2025**, and if you desaturate by 10%, it is **202.1960, 26.0324, -43.1449**.

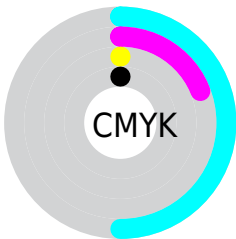
Distribution



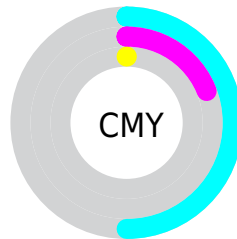
- Red (50%)
- Green (81%)
- Blue (100%)



- Red (50%)
- Yellow (69%)
- Blue (100%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.5520, 32.7589, -53.9811 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 188.5520, 32.7589, -53.9811 by changing the saturation by 10% instead.

■ 188.5520, 32.7589,
-53.9811

■ 188.5520, 32.7589,
-53.9811

255.0000, 0.0000,
0.0000

■ 159.8400, 32.6169,
-55.1107

■ 234.3690, 10.1711,
-42.4196

■ 132.1170, 32.4803,
-57.9846

■ 243.3390, 5.7489,
-23.9763

■ 101.5180, 34.2546,
-67.1063

■ 252.3090, 1.3267,
-5.5330

■ 76.2900, 33.3810,
-66.9063

■ 59.2380, 28.9697,
-51.9517

■ 42.8870, 24.7057,
-37.6119

■ 27.8240, 20.2998,

-24.4016

■ 7.7060, 19.3719,
-6.7582

■ 3.4370, 10.6306,
-3.0142

■ 188.5520, 32.7589,
-53.9811

■ 188.5520, 32.7589,
-53.9811

■ 175.2070, 39.3379,
-64.2025

■ 202.1960, 26.0324,
-43.1449

■ 162.1500, 45.7751,
-75.5535

■ 214.9540, 19.7427,
-32.4087

■ 148.8050, 52.3541,
-85.7750

■ 228.5980, 13.0162,
-21.5724

■ 135.7480, 58.7912,
-97.1260

■ 241.3560, 6.7265,
-10.8362

■ 122.4030, 65.3703, 255.0000, 0.0000,
-107.3474 0.0000

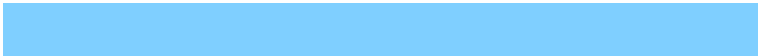
Harmonies

Analogous

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



181.8350, 26.7033, -71.7693



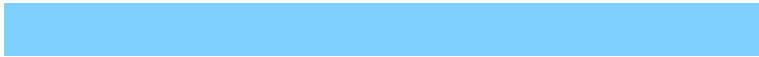
188.5520, 32.7589, -53.9811



196.7240, 28.7301, -21.6829

Triad

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



188.5520, 32.7589, -53.9811



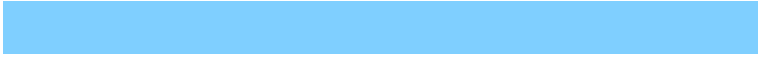
200.5160, -5.6774, 47.7825



191.7060, -21.0541, -13.7742

Complementary

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



188.5520, 32.7589, -53.9811



193.4480, -32.7589, 53.9811

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.



195.1070, -29.1398, 13.0612



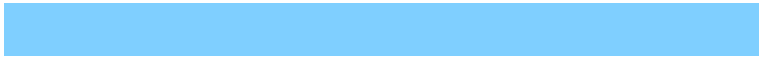
188.5520, 32.7589, -53.9811



199.5580, -19.5021, 48.6226

Square

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



188.5520, 32.7589, -53.9811



202.9350, 8.9060, 36.8910



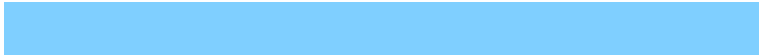
198.1790, -28.1892, 34.9230



186.8410, -5.8376, -41.0796

Rectangle

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



188.5520, 32.7589, -53.9811



200.3570, 25.4600, 0.5639



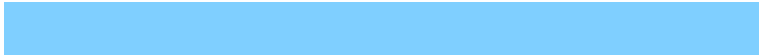
198.1790, -28.1892, 34.9230



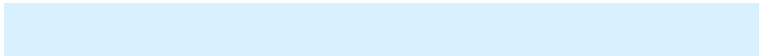
192.8490, -24.5756, -4.2526

Sweetspot

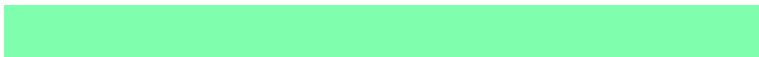
The Sweet Spot groups the original color and five complimentary colors.



188.5520, 32.7589, -53.9811



235.4200, 9.6529, -16.1543



207.4940, -16.5125, -70.5932



115.8400, 5.9949, -9.5067



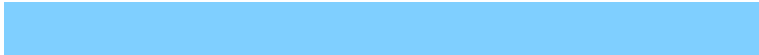
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



188.5520, 32.7589, -53.9811



175.7940, 39.0486, -64.7173



151.5710, 50.9905, -21.5488



121.1780, 3.3632, -5.4181



92.2140, 48.7015, -80.8717



30.7760, 16.3794, -26.9906

Inverse Universe

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



174.3920, 16.0757, 70.6932



158.6910, 19.3793, 84.4630



230.4290, -50.9905, 21.5488



119.7990, 1.5781, 7.1923



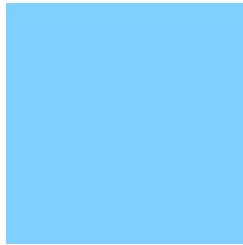
70.7890, 24.2610, 105.4250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 188.5520, 32.7589, -53.9811 looks on a white background.

Color Contrast Check

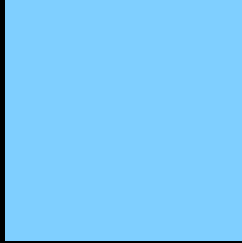
Large Text (above 18pt) WCAG AA × Fail

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 188.5520, 32.7589, -53.9811 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

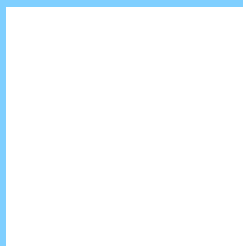
Any Text WCAG AAA ✓ Pass

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

YUV 188.5520, 32.7589, -53.9811 Background



This preview shows how black text looks on a background with the YUV color 188.5520, 32.7589, -53.9811.



This preview shows how white text looks on a background with the YUV color 188.5520, 32.7589, -53.9811.

-53.9811.

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

188.5520, 32.7589, -53.9811

Protanopia

197.5250, 23.8982, -11.8614

Deuteranopia

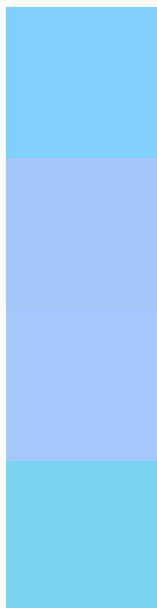
197.9640, 28.1187, -12.2464



Tritanopia

185.8320, 21.2818, -59.4887

Trichromacy



Original Color

188.5520, 32.7589, -53.9811

Protanomaly

193.9360, 27.1466, -27.1309

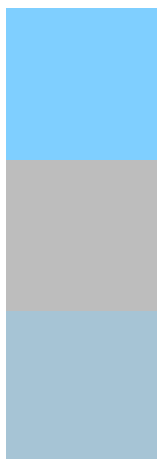
Deuteranomaly

194.6200, 29.7673, -27.7307

Tritanomaly

186.5810, 25.3496, -57.5145

Monochromacy



Original Color

188.5520, 32.7589, -53.9811

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9680, 11.8478, -20.1429

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.5520, 32.7589, -53.9811 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(127, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(127, 207, 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(127, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 207, 255) }
```

Border

The CSS property to change the border of an element to YUV 188.5520, 32.7589, -53.9811 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(127, 207, 255) }
```


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

```
.border{ border-color:rgb(127, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(127, 207,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 188.5520, 32.7589, -53.9811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 207, 255) }
```

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

```
.background{ background-color: rgb(127,  
207, 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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