

Converting Colors

YUV(133.2900, 60.0030,
-112.5103)

Have a look what the booklet for
YUV(133.2900, 60.0030, -112.5103)
contains.

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Color

**YUV(133.2900, 60.0030,
-112.5103)**

Conversions

Conversions Part 1

Format	Color
Hex	05AFFF
RGB	5, 175, 255
RGB Percent	2%, 69%, 100%
CMY	0.9804, 0.3137, 0.0000
CMYK	0.98, 0.31, 0.00, 0.00
HSL	199°, 100%, 51%
HSV	199°, 98%, 100%
XYZ	33.4426, 37.9122, 100.1629
YIQ	133.2900, -127.0000, -11.1600

Conversions

Conversions Part 2

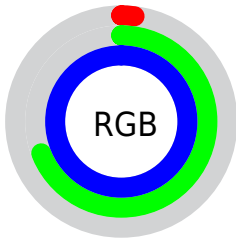
Format	Color
R _Y B	5, 106, 255
Decimal	372735
CIE Lab	67.96, -8.89, -49.76
CIE LCh	68, 50.549, 259.867
Yxy	37.9122, 0.1950, 0.2210
Android (android.graphics.Color)	4278562815 (0xFF05AFFF)
YUV	133.2900, 60.0030, -112.5103
Hunter-Lab	61.5729, -10.8025, -53.3482

Details

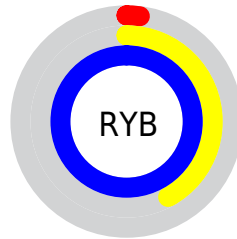
The YUV color **133.2900, 60.0030, -112.5103** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **126.7100, -60.0030, 112.5103**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.8670, 28.1666, -74.4284**, and **94.7730, 50.8909, -83.1159** is the 20% darker color. If you saturate the color by 10%, you get **130.6210, 61.3188, -114.5546**, and if you desaturate by 10%, it is **145.7600, 53.8553, -100.6445**.

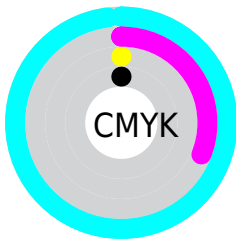
Distribution



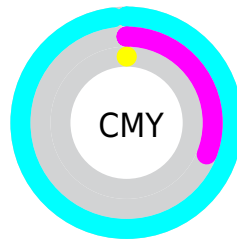
- Red (2%)
- Green (69%)
- Blue (100%)



- Red (2%)
- Yellow (42%)
- Blue (100%)



- Cyan (98%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (98%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.2900, 60.0030, -112.5103 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 133.2900, 60.0030, -112.5103 by changing the saturation by 10% instead.

■ 133.2900, 60.0030,
-112.5103

■ 133.2900, 60.0030,
-112.5103

255.0000, 0.0000,
0.0000

■ 113.2270, 55.5971,
-99.3001

■ 197.8670, 28.1666,
-74.4284

■ 94.7730, 50.8909,
-83.1159

■ 222.7080, 15.9200,
-66.3959

■ 76.9060, 45.8953,
-67.4466

■ 232.5750, 11.0555,
-46.1083

■ 60.3270, 40.7578,
-52.9068

■ 242.1430, 6.3385,
-26.4354

■ 44.4490, 35.7676,
-38.9818

■ 251.7110, 1.6215,
-6.7625

■ 29.2720, 30.9249,
-25.6715

■ 11.8610, 27.6765,

-10.4021

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 133.2900, 60.0030,
-112.5103

■ 133.2900, 60.0030,
-112.5103

■ 130.6210, 61.3188,
-114.5546

■ 145.7600, 53.8553,
-100.6445

■ 157.9310, 47.8550,
-89.3935

■ 170.4010, 41.7073,
-77.5277

■ 183.1590, 35.4176,
-66.7914

■ 195.6290, 29.2699,
-54.9256

■ 207.8000, 23.2696,
-43.6746

■ 220.2700, 17.1219,
-31.8088

■ 232.4410, 11.1216,
-20.5578

■ 244.9110, 4.9739,
-8.6919

Harmonies

Analogous

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



135.2710, 48.6734, -118.6327



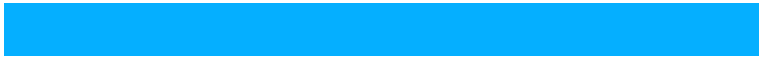
133.2900, 60.0030, -112.5103



165.2910, 42.2545, -19.5492

Triad

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



133.2900, 60.0030, -112.5103



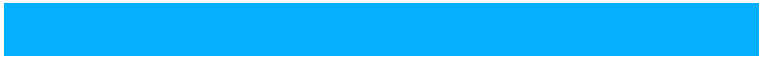
165.8030, -14.1999, 74.7178



151.3950, -22.8727, -37.1804

Complementary

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



133.2900, 60.0030, -112.5103



126.7100, -60.0030, 112.5103

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.



158.3650, -40.6059, 4.0649



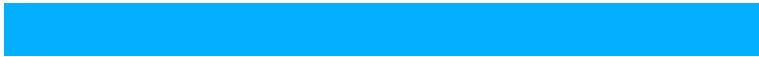
133.2900, 60.0030, -112.5103



164.6880, -33.3702, 63.4176

Square

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



133.2900, 60.0030, -112.5103



168.9430, 6.9301, 64.0710



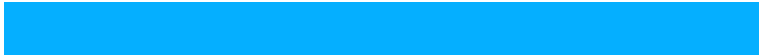
162.7760, -43.7666, 37.9074



127.2280, 10.2406, -111.5790

Rectangle

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



133.2900, 60.0030, -112.5103



170.2910, 32.3945, 16.4078



162.7760, -43.7666, 37.9074



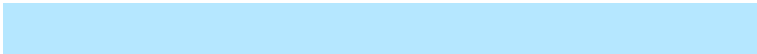
154.8330, -30.4837, -22.6555

Sweetspot

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



133.2900, 60.0030, -112.5103



218.7860, 17.8535, -33.1383



160.7560, -37.8407, -136.5980



105.7400, 10.9742, -19.9430



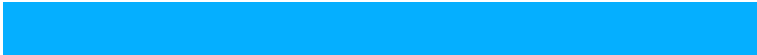
0.0000, 0.0000, 0.0000



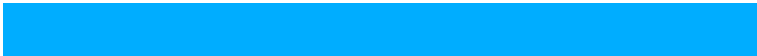
128.0000, 0.0000, 0.0000

Same Dimension

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



133.2900, 60.0030, -112.5103



130.6210, 61.3188, -114.5546



60.5020, 95.8875, -48.6753



121.1780, 3.3632, -5.4181



98.0840, 45.8076, -86.0197



32.5370, 15.5113, -28.5349

Inverse Universe

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



99.1300, 37.4039, 136.6980



95.9670, 37.9773, 139.4719



199.4980, -95.8875, 48.6753



119.7990, 1.5781, 7.1923



71.9290, 28.6290, 104.4253



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 133.2900, 60.0030, -112.5103 looks on a white background.

Color Contrast Check

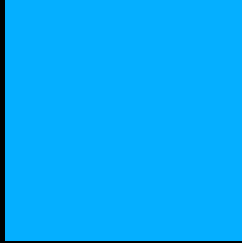
Large Text (above 18pt) WCAG AA × Fail

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 133.2900, 60.0030, -112.5103 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

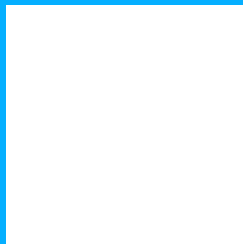
Any Text WCAG AAA ✓ Pass

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

YUV 133.2900, 60.0030, -112.5103 Background



This preview shows how black text looks on a background with the YUV color 133.2900, 60.0030, -112.5103.



This preview shows how white text looks on a background with the YUV color 133.2900, 60.0030, -112.5103.

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

133.2900, 60.0030, -112.5103

Protanopia

163.8730, 39.5026, -23.5676

Deuteranopia

160.3210, 46.6767, -37.9925

Trichromacy



Original Color

133.2900, 60.0030, -112.5103

Protanomaly

152.9120, 46.8784, -56.0508

Deuteranomaly

150.4100, 51.5629, -65.2576

Monochromacy



Original Color

133.2900, 60.0030, -112.5103

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7680, 21.8064, -41.0155

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2900, 60.0030, -112.5103 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(5, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(5, 175, 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(5, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 175, 255) }
```

Border

The CSS property to change the border of an element to YUV 133.2900, 60.0030, -112.5103 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(5, 175, 255) }
```

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

```
.border{ border-color:rgb(5, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(5, 175,  
255) }
```


Background

The CSS property to change the background color of an element to YUV 133.2900, 60.0030, -112.5103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 175, 255) }
```

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

```
.background{ background-color: rgb(5, 175,  
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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