

Converting Colors

YUV(133.2920, 53.5930,
-109.8811)

Have a look what the booklet for
YUV(133.2920, 53.5930, -109.8811)
contains.

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Color

**YUV(133.2920, 53.5930,
-109.8811)**

Conversions

Conversions Part 1

Format	Color
Hex	08B0F2
RGB	8, 176, 242
RGB Percent	3%, 69%, 95%
CMY	0.9686, 0.3098, 0.0510
CMYK	0.97, 0.27, 0.00, 0.05
HSL	197°, 94%, 49%
HSV	197°, 97%, 95%
XYZ	31.6525, 37.5131, 89.5769
YIQ	133.2920, -121.3140, -15.0900

Conversions

Conversions Part 2

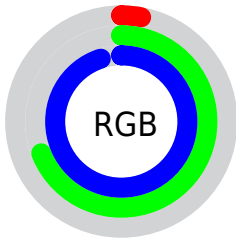
Format	Color
R _{YB}	8, 106, 242
Decimal	569586
CIE Lab	67.66, -14.03, -43.16
CIE LCh	68, 45.385, 251.989
Yxy	37.5131, 0.1994, 0.2363
Android (android.graphics.Color)	4278759666 (0xFF08B0F2)
YUV	133.2920, 53.5930, -109.8811
Hunter-Lab	61.2479, -14.9364, -43.8398

Details

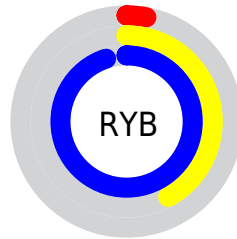
The YUV color **133.2920, 53.5930, -109.8811** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle saturated azure. A complement of this color would be **116.7080, -53.5930, 109.8811**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.4430, 27.8826, -76.6875**, and **93.9920, 45.3599, -82.4310** is the 20% darker color. If you saturate the color by 10%, you get **129.7260, 55.3511, -113.7697**, and if you desaturate by 10%, it is **144.5770, 48.0295, -98.7300**.

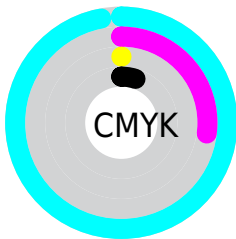
Distribution



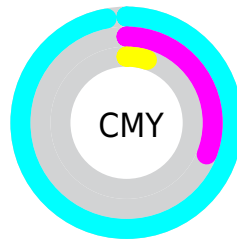
- Red (3%)
- Green (69%)
- Blue (95%)



- Red (3%)
- Yellow (42%)
- Blue (95%)



- Cyan (97%)
- Magenta (27%)
- Yellow (0%)
- Black (5%)



- Cyan (97%)
- Magenta (31%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.2920, 53.5930, -109.8811 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 133.2920, 53.5930, -109.8811 by changing the saturation by 10% instead.

■ 133.2920, 53.5930,
-109.8811

■ 133.2920, 53.5930,
-109.8811

■ 255.0000, 0.0000,
0.0000

■ 111.7450, 49.9187,
-98.0004

■ 198.4430, 27.8826,
-76.6875

■ 93.9920, 45.3599,
-82.4310

■ 222.1100, 16.2148,
-67.6255

■ 76.1250, 40.3644,
-66.7616

■ 231.6780, 11.4977,
-47.9526

■ 59.0730, 35.9530,
-51.8070

■ 241.2460, 6.7807,
-28.2797

■ 43.1950, 30.9629,
-37.8820

■ 250.5150, 2.2111,
-9.2217

■ 28.1320, 26.5569,
-24.6718

■ 10.1340, 23.5979,

-8.8875

■ 5.2780, 15.1459,
-4.6288

■ 1.2540, 4.8048,
-1.0998

■ 133.2920, 53.5930,
-109.8811

■ 133.2920, 53.5930,
-109.8811

■ 129.7260, 55.3511,
-113.7697

■ 144.5770, 48.0295,
-98.7300

■ 155.8620, 42.4660,
-87.5790

■ 166.8590, 37.0445,
-75.2983

■ 178.1440, 31.4810,
-64.1473

■ 189.4290, 25.9175,
-52.9962

■ 200.7140, 20.3540,
-41.8452

■ 211.9990, 14.7905,
-30.6941

■ 223.5830, 9.0796,
-18.9283

■ 234.2810, 3.8055,
-7.2624

Harmonies

Analogous

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



132.8600, 41.9740, -116.5182



133.2920, 53.5930, -109.8811



161.8830, 40.9767, -29.7154

Triad

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



133.2920, 53.5930, -109.8811



166.6540, -8.2104, 66.9554



154.6850, -25.9737, -22.5257

Complementary

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



133.2920, 53.5930, -109.8811



116.7080, -53.5930, 109.8811

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.



159.9900, -38.4491, 12.2868



133.2920, 53.5930, -109.8811



165.2130, -26.2340, 61.2032

Square

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



133.2920, 53.5930, -109.8811



169.1910, 10.7518, 51.5755



163.4050, -37.6677, 41.7408



144.6700, -3.2883, -65.4856

Rectangle

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



133.2920, 53.5930, -109.8811



167.9150, 32.5799, 3.5825



163.4050, -37.6677, 41.7408



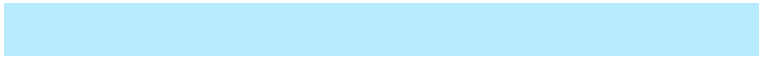
156.6820, -31.3952, -10.2451

Sweetspot

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



133.2920, 53.5930, -109.8811



220.5470, 16.9853, -34.6827



152.4260, -40.6360, -126.6616



106.9140, 10.3954, -20.9726



0.0000, 0.0000, 0.0000



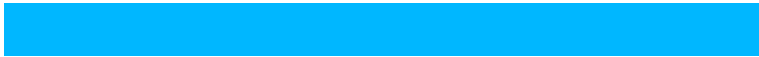
128.0000, 0.0000, 0.0000

Same Dimension

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



133.2920, 53.5930, -109.8811



136.4910, 58.4249, -119.7026



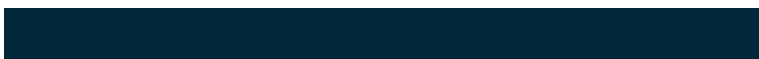
66.9610, 86.2942, -51.7088



114.0640, 2.9264, -5.3181



98.4600, 42.1712, -86.3494



29.8640, 12.8850, -26.1907

Inverse Universe

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



97.1180, 38.8888, 127.0615



97.1070, 42.3452, 138.4722



183.0390, -86.2942, 51.7088



112.5000, 1.7255, 6.5775



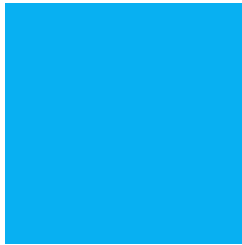
70.0640, 30.5344, 99.9219



21.3040, 9.2171, 30.4284

Previews

White Background



This preview shows how the YUV color 133.2920, 53.5930, -109.8811 looks on a white background.

Color Contrast Check

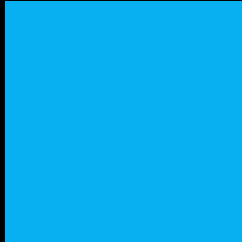
Large Text (above 18pt) WCAG AA × Fail

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 133.2920, 53.5930, -109.8811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

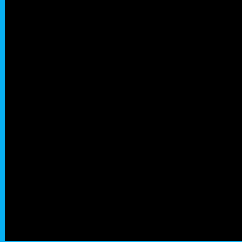
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

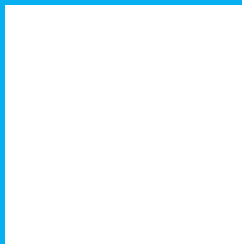
Any Text WCAG AAA ✓ Pass

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

YUV 133.2920, 53.5930, -109.8811 Background



This preview shows how black text looks on a background with the YUV color 133.2920, 53.5930, -109.8811.

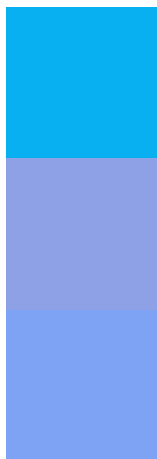


This preview shows how white text looks on a background with the YUV color 133.2920, 53.5930, -109.8811.

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

133.2920, 53.5930, -109.8811

Protanopia

163.1850, 32.9398, -18.5792

Deuteranopia

161.2850, 41.2715, -30.9449



Tritanopia

129.1780, 32.9432, -113.2891

Trichromacy



Original Color

133.2920, 53.5930, -109.8811

Protanomaly

151.9250, 40.4630, -51.6772

Deuteranomaly

151.2490, 45.7262, -59.8544

Tritanomaly

130.8390, 40.5054, -112.1148

Monochromacy



Original Color

133.2920, 53.5930, -109.8811

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.4970, 19.4750, -39.9009

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.2920, 53.5930, -109.8811 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(8, 176, 242)` looks like.

```
.text, #text, p{  
    color:rgb(8, 176, 242)  
}
```

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(8, 176, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 176, 242) }
```

Border

The CSS property to change the border of an element to YUV 133.2920, 53.5930, -109.8811 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(8, 176, 242) }
```


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

```
.border{ border-color:rgb(8, 176, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(8, 176, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 176, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 176, 242);  
box-shadow:4px 4px 4px 4px rgb(8, 176,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 133.2920, 53.5930, -109.8811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 176, 242) }
```

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

```
.background{ background-color: rgb(8, 176,  
242) }
```

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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