

Converting Colors

YUV(130.6380, 58.8455,
-114.5695)

Have a look what the booklet for
YUV(130.6380, 58.8455, -114.5695)
contains.

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Color

**YUV(130.6380, 58.8455,
-114.5695)**

Conversions

Conversions Part 1

Format	Color
Hex	00AEFA
RGB	0, 174, 250
RGB Percent	0%, 68%, 98%
CMY	1.0000, 0.3176, 0.0196
CMYK	1.00, 0.30, 0.00, 0.02
HSL	198°, 100%, 49%
HSV	198°, 100%, 98%
XYZ	32.3914, 37.1742, 95.9106
YIQ	130.6380, -128.1000, -13.2520

Conversions

Conversions Part 2

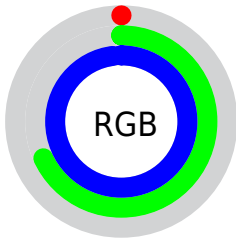
Format	Color
RYB	0, 103, 250
Decimal	44794
CIELab	67.41, -10.27, -47.91
CIELCh	67, 49.001, 257.905
Yxy	37.1742, 0.1957, 0.2246
Android (android.graphics.Color)	4278234874 (0xFF00AEFA)
YUV	130.6380, 58.8455, -114.5695
Hunter-Lab	60.9707, -11.8685, -50.5873

Details

The YUV color **130.6380, 58.8455, -114.5695** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle saturated azure. A complement of this color would be **119.3620, -58.8455, 114.5695**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6820, 28.7508, -75.1431**, and **93.6160, 48.9963, -82.1012** is the 20% darker color. If you saturate the color by 10%, you get **130.6380, 58.8455, -114.5695**, and if you desaturate by 10%, it is **142.8090, 52.8452, -103.3185**.

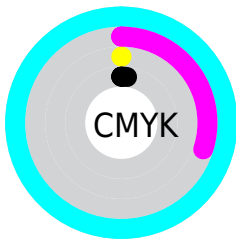
Distribution



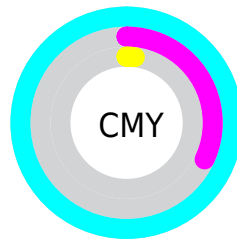
- Red (0%)
- Green (68%)
- Blue (98%)



- Red (0%)
- Yellow (40%)
- Blue (98%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (2%)



- Cyan (100%)
- Magenta (32%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.6380, 58.8455, -114.5695 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 130.6380, 58.8455, -114.5695 by changing the saturation by 10% instead.

■ 130.6380, 58.8455,
-114.5695

■ 130.6380, 58.8455,
-114.5695

■ 255.0000, 0.0000,
0.0000

■ 112.0700, 53.7025,
-98.2854

■ 196.6820, 28.7508,
-75.1431

■ 93.6160, 48.9963,
-82.1012

■ 222.1100, 16.2148,
-67.6255

■ 75.8630, 44.4375,
-66.5319

■ 231.9770, 11.3503,
-47.3378

■ 59.2840, 39.3000,
-51.9921

■ 241.5450, 6.6333,
-27.6650

■ 43.4060, 34.3098,
-38.0671

■ 251.1130, 1.9163,
-7.9921

■ 28.8160, 29.1777,
-25.2716

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 130.6380, 58.8455,
-114.5695

■ 142.8090, 52.8452,
-103.3185

■ 154.3930, 47.1343,
-91.5527

■ 166.5640, 41.1339,
-80.3016

■ 178.1480, 35.4230,
-68.5358

■ 190.3190, 29.4227,
-57.2848

■ 202.4900, 23.4224,
-46.0337

■ 214.0740, 17.7115,
-34.2679

■ 226.2450, 11.7112,
-23.0169

■ 237.8290, 6.0003,
-11.2510

Harmonies

Analogous

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



133.5270, 47.0682, -117.1032



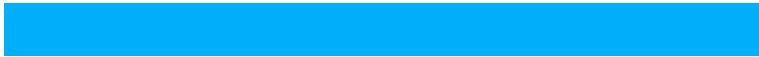
130.6380, 58.8455, -114.5695



163.4540, 41.6812, -22.3232

Triad

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



130.6380, 58.8455, -114.5695



165.1340, -12.8841, 72.6735



151.4880, -23.9046, -32.8770

Complementary

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



130.6380, 58.8455, -114.5695



119.3620, -58.8455, 114.5695

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.



157.6040, -39.7378, 5.6093



130.6380, 58.8455, -114.5695



163.2580, -31.1862, 62.9177

Square

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



130.6380, 58.8455, -114.5695



167.5620, 8.1039, 60.8971



161.2430, -42.0248, 39.2519



133.6820, 5.0868, -91.8061

Rectangle

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



130.6380, 58.8455, -114.5695



168.2690, 32.4054, 12.9191



161.2430, -42.0248, 39.2519



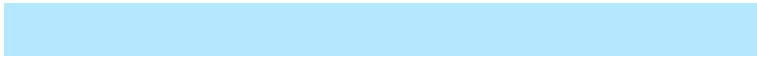
153.8550, -30.4945, -19.1668

Sweetspot

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



130.6380, 58.8455, -114.5695



218.7750, 17.8589, -34.8827



155.3000, -39.5879, -136.1981



106.0280, 10.8322, -21.0726



0.0000, 0.0000, 0.0000



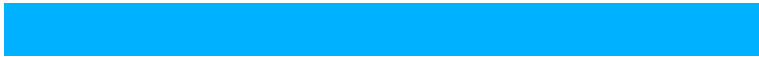
128.0000, 0.0000, 0.0000

Same Dimension

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



130.6380, 58.8455, -114.5695



132.9690, 60.1613, -116.6138



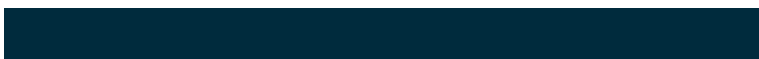
57.8500, 94.7300, -50.7344



118.7650, 3.0739, -5.9329



98.4430, 44.6446, -86.3345



32.1950, 14.2009, -28.2350

Inverse Universe

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



94.5860, 39.1511, 136.2981



96.4230, 39.7245, 139.0720



192.1500, -94.7299, 50.7345



116.9130, 2.0149, 7.0923



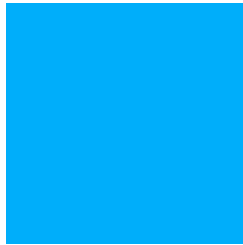
71.4450, 29.3606, 103.0957



23.1410, 9.7905, 33.2023

Previews

White Background



This preview shows how the YUV color 130.6380, 58.8455, -114.5695 looks on a white background.

Color Contrast Check

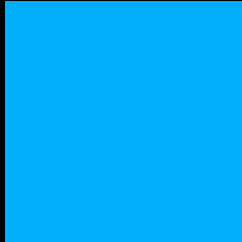
Large Text (above 18pt) WCAG AA × Fail

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 130.6380, 58.8455, -114.5695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

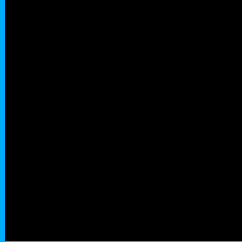
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

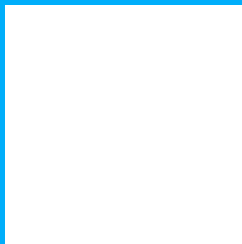
Any Text WCAG AAA ✓ Pass

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

YUV 130.6380, 58.8455, -114.5695 Background



This preview shows how black text looks on a background with the YUV color 130.6380, 58.8455, -114.5695.

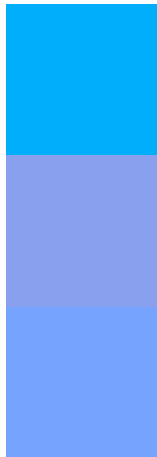


This preview shows how white text looks on a background with the YUV color 130.6380, 58.8455, -114.5695.

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

130.6380, 58.8455, -114.5695

Protanopia

162.1290, 37.8974, -22.0381

Deuteranopia

159.5060, 46.0925, -37.2778

Trichromacy



Original Color

130.6380, 58.8455, -114.5695

Protanomaly

150.5700, 45.5680, -55.7509

Deuteranomaly

148.8830, 50.8367, -65.6724

Monochromacy



Original Color

130.6380, 58.8455, -114.5695

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

130.9420, 21.2276, -42.0451

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.6380, 58.8455, -114.5695 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(0, 174, 250)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 250)  
}
```

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(0, 174, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 250) }
```

Border

The CSS property to change the border of an element to YUV 130.6380, 58.8455, -114.5695 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(0, 174, 250) }
```

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

```
.border{ border-color:rgb(0, 174, 250) }
```

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

Here you see how a box with a 4 pixel rgb(0, 174, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 250);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
250) }
```


Background

The CSS property to change the background color of an element to YUV 130.6380, 58.8455, -114.5695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 174, 250) }
```

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

```
.background{ background-color: rgb(0, 174,  
250) }
```

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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