

Converting Colors

YUV(130.0850, 54.1881,
-114.0845)

Have a look what the booklet for
YUV(130.0850, 54.1881, -114.0845)
contains.

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Color

**YUV(130.0850, 54.1881,
-114.0845)**

Conversions

Conversions Part 1

Format	Color
Hex	00AFF0
RGB	0, 175, 240
RGB Percent	0%, 69%, 94%
CMY	1.0000, 0.3137, 0.0588
CMYK	1.00, 0.27, 0.00, 0.06
HSL	196°, 100%, 47%
HSV	196°, 100%, 94%
XYZ	31.0581, 36.9512, 87.9334
YIQ	130.0850, -125.1650, -16.8850

Conversions

Conversions Part 2

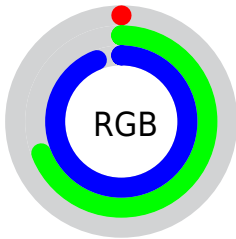
Format	Color
RYB	0, 101, 240
Decimal	45040
CIELab	67.24, -14.41, -42.73
CIELCh	67, 45.094, 251.369
Yxy	36.9512, 0.1992, 0.2370
Android (android.graphics.Color)	4278235120 (0xFF00AFF0)
YUV	130.0850, 54.1881, -114.0845
Hunter-Lab	60.7875, -15.1772, -43.2159

Details

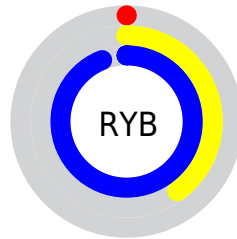
The YUV color **130.0850, 54.1881, -114.0845** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle saturated azure. A complement of this color would be **109.9150, -54.1881, 114.0845**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6710, 28.7562, -76.8875**, and **93.1770, 44.7757, -81.7162** is the 20% darker color. If you saturate the color by 10%, you get **130.0850, 54.1881, -114.0845**, and if you desaturate by 10%, it is **141.3700, 48.6246, -102.9335**.

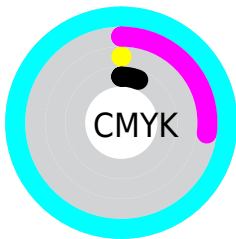
Distribution



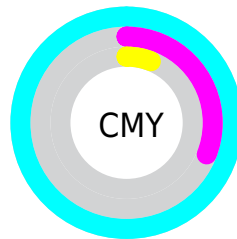
- Red (0%)
- Green (69%)
- Blue (94%)



- Red (0%)
- Yellow (40%)
- Blue (94%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (6%)



- Cyan (100%)
- Magenta (31%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.0850, 54.1881, -114.0845 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 130.0850, 54.1881, -114.0845 by changing the saturation by 10% instead.

130.0850, 54.1881,
-114.0845

130.0850, 54.1881,
-114.0845

255.0000, 0.0000,
0.0000

110.9300, 49.3345,
-97.2856

196.6710, 28.7562,
-76.8875

93.1770, 44.7757,
-81.7162

221.5120, 16.5096,
-68.8550

75.3100, 39.7802,
-66.0469

231.0800, 11.7926,
-49.1822

58.2580, 35.3688,
-51.0923

240.6480, 7.0755,
-29.5093

42.4940, 30.8155,
-37.2672

249.9170, 2.5059,
-10.4512

27.9040, 25.6833,
-24.4718

9.4330, 23.4505,

-8.2727

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 130.0850, 54.1881,
-114.0845

■ 141.3700, 48.6246,
-102.9335

■ 152.0680, 43.3505,
-91.2676

■ 163.3530, 37.7870,
-80.1166

■ 174.0510, 32.5129,
-68.4507

■ 185.3360, 26.9494,
-57.2997

■ 196.0340, 21.6752,
-45.6338

■ 206.7320, 16.4011,
-33.9680

■ 218.0170, 10.8376,
-22.8169

■ 228.7150, 5.5635,
-11.1511

Harmonies

Analogous

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



131.4580, 41.6792, -115.2887



130.0850, 54.1881, -114.0845



161.0570, 40.3979, -30.7450

Triad

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



130.0850, 54.1881, -114.0845



165.4690, -7.6262, 66.2407



153.9840, -26.1211, -21.9110

Complementary

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



130.0850, 54.1881, -114.0845



109.9150, -54.1881, 114.0845

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.



158.8160, -37.8703, 13.3164



130.0850, 54.1881, -114.0845



163.7400, -25.5078, 61.6180

Square

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



130.0850, 54.1881, -114.0845



168.0060, 11.3360, 50.8607



161.8180, -37.3783, 42.2556



144.4530, -4.1673, -63.5413

Rectangle

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



130.0850, 54.1881, -114.0845



166.3170, 32.8747, 2.3530



161.8180, -37.3783, 42.2556



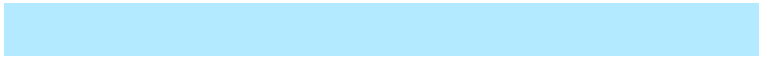
155.9810, -31.5426, -9.6303

Sweetspot

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



130.0850, 54.1881, -114.0845



219.9490, 17.2801, -35.9123



148.1760, -41.4988, -129.9504



106.6150, 10.5428, -21.5874



0.0000, 0.0000, 0.0000



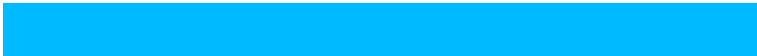
128.0000, 0.0000, 0.0000

Same Dimension

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



130.0850, 54.1881, -114.0845



138.2520, 57.5568, -121.2470



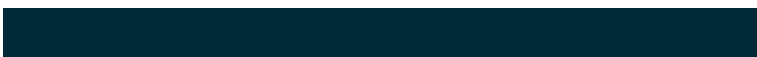
60.2320, 88.6256, -52.8235



114.6510, 2.6371, -5.8329



99.6340, 41.5924, -87.3790



30.4510, 12.5957, -26.7055

Inverse Universe

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



91.7100, 41.0620, 130.0503



97.4490, 43.6556, 138.1722



179.7680, -88.6256, 52.8235



112.6140, 2.1623, 6.4775



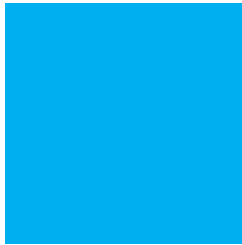
70.2920, 31.4080, 99.7219



21.4180, 9.6539, 30.3284

Previews

White Background



This preview shows how the YUV color 130.0850, 54.1881, -114.0845 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 130.0850, 54.1881, -114.0845 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 130.0850, 54.1881, -114.0845 Background



This preview shows how black text looks on a background with the YUV color 130.0850, 54.1881, -114.0845.



This preview shows how white text looks on a background with the YUV color 130.0850, 54.1881, -114.0845.

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

130.0850, 54.1881, -114.0845

Protanopia

162.3700, 32.3556, -17.8645

Deuteranopia

160.4700, 40.6873, -30.2302



Tritanopia

128.3630, 32.3590, -112.5744

Trichromacy



Original Color

130.0850, 54.1881, -114.0845

Protanomaly

150.2130, 40.3210, -52.8068

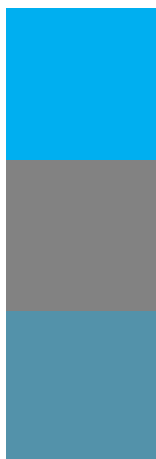
Deuteranomaly

149.5370, 45.5843, -60.9839

Tritanomaly

129.1270, 40.3634, -113.2444

Monochromacy



Original Color

130.0850, 54.1881, -114.0845

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

129.8990, 19.7698, -41.1304

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.0850, 54.1881, -114.0845 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, 175, 240)` looks like.

```
.text, #text, p{  
    color:rgb(0, 175, 240)  
}
```

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, 175, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 240) }
```

Border

The CSS property to change the border of an element to YUV 130.0850, 54.1881, -114.0845 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, 175, 240) }
```


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

```
.border{ border-color:rgb(0, 175, 240) }
```

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

Here you see how a box with a 4 pixel rgb(0, 175, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 240);  
box-shadow:4px 4px 4px 4px rgb(0, 175,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 130.0850, 54.1881, -114.0845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 175, 240) }
```

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

```
.background{ background-color: rgb(0, 175,  
240) }
```

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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