

Converting Colors

YUV(130.1990, 54.6249,
-114.1845)

Have a look what the booklet for
YUV(130.1990, 54.6249, -114.1845)
contains.

YUV(130.1990, 54.6249, -114.1845)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(130.1990, 54.6249,
-114.1845)**

Conversions

Conversions Part 1

Format	Color
Hex	00AFF1
RGB	0, 175, 241
RGB Percent	0%, 69%, 95%
CMY	1.0000, 0.3137, 0.0549
CMYK	1.00, 0.27, 0.00, 0.05
HSL	196°, 100%, 47%
HSV	196°, 100%, 95%
XYZ	31.2072, 37.0108, 88.7181
YIQ	130.1990, -125.4860, -16.5740

Conversions

Conversions Part 2

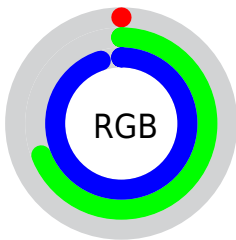
Format	Color
RYB	0, 101, 241
Decimal	45041
CIELab	67.29, -14.05, -43.21
CIELCh	67, 45.433, 251.988
Yxy	37.0108, 0.1989, 0.2358
Android (android.graphics.Color)	4278235121 (0xFF00AFF1)
YUV	130.1990, 54.6249, -114.1845
Hunter-Lab	60.8365, -14.8992, -43.8772

Details

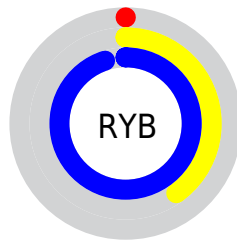
The YUV color **130.1990, 54.6249, -114.1845** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle saturated azure. A complement of this color would be **110.8010, -54.6249, 114.1845**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.6710, 28.7562, -76.8875**, and **93.2910, 45.2125, -81.8162** is the 20% darker color. If you saturate the color by 10%, you get **130.1990, 54.6249, -114.1845**, and if you desaturate by 10%, it is **141.4840, 49.0614, -103.0335**.

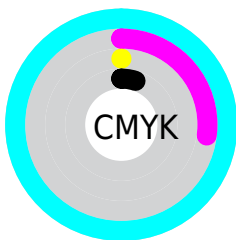
Distribution



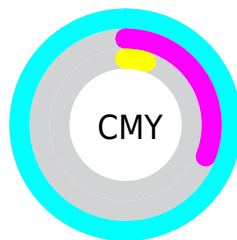
- Red (0%)
- Green (69%)
- Blue (95%)



- Red (0%)
- Yellow (40%)
- Blue (95%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (31%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.1990, 54.6249, -114.1845 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 130.1990, 54.6249, -114.1845 by changing the saturation by 10% instead.

■ 130.1990, 54.6249,
-114.1845

■ 130.1990, 54.6249,
-114.1845

■ 255.0000, 0.0000,
0.0000

■ 111.0440, 49.7713,
-97.3856

■ 196.6710, 28.7562,
-76.8875

■ 93.2910, 45.2125,
-81.8162

■ 221.5120, 16.5096,
-68.8550

■ 75.4240, 40.2170,
-66.1468

■ 231.0800, 11.7926,
-49.1822

■ 58.3720, 35.8056,
-51.1922

■ 240.6480, 7.0755,
-29.5093

■ 42.4940, 30.8155,
-37.2672

■ 250.2160, 2.3585,
-9.8364

■ 28.0180, 26.1201,
-24.5718

■ 9.4330, 23.4505,

-8.2727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 130.1990, 54.6249,
-114.1845

■ 141.4840, 49.0614,
-103.0335

■ 152.1820, 43.7873,
-91.3676

■ 163.4670, 38.2238,
-80.2166

■ 174.1650, 32.9497,
-68.5507

■ 185.4500, 27.3862,
-57.3996

■ 197.0340, 21.6752,
-45.6338

■ 207.7320, 16.4011,
-33.9680

■ 219.0170, 10.8376,
-22.8169

■ 229.7150, 5.5635,
-11.1511

Harmonies

Analogous

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



131.5720, 42.1160, -115.3886



130.1990, 54.6249, -114.1845



160.8830, 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.



130.1990, 54.6249, -114.1845



165.6540, -8.2104, 66.9554



153.6850, -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.



130.1990, 54.6249, -114.1845



110.8010, -54.6249, 114.1845

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.



158.9900, -38.4491, 12.2868



130.1990, 54.6249, -114.1845



163.6260, -25.9446, 61.7180

Square

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



130.1990, 54.6249, -114.1845



168.1910, 10.7518, 51.5755



162.4050, -37.6677, 41.7408



143.6700, -3.2883, -65.4856

Rectangle

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



130.1990, 54.6249, -114.1845



166.9150, 32.5799, 3.5825



162.4050, -37.6677, 41.7408



155.6820, -31.3952, -10.2451

Sweetspot

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



130.1990, 54.6249, -114.1845



219.9490, 17.2801, -35.9123



148.7630, -41.7882, -130.4652



106.6150, 10.5428, -21.5874



0.0000, 0.0000, 0.0000



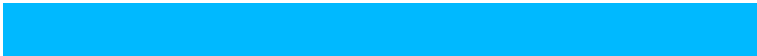
128.0000, 0.0000, 0.0000

Same Dimension

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



130.1990, 54.6249, -114.1845



137.6650, 57.8462, -120.7322



60.3460, 89.0624, -52.9234



114.6510, 2.6371, -5.8329



99.0470, 41.8818, -86.8642



30.4510, 12.5957, -26.7055

Inverse Universe

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



92.0090, 40.9146, 130.6651



97.3350, 43.2188, 138.2722



180.6540, -89.0624, 52.9234



112.6140, 2.1623, 6.4775



70.1780, 30.9712, 99.8219



21.4180, 9.6539, 30.3284

Previews

White Background



This preview shows how the YUV color 130.1990, 54.6249, -114.1845 looks on a white background.

Color Contrast Check

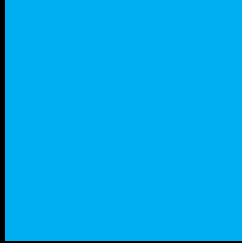
Large Text (above 18pt) WCAG AA × Fail

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 130.1990, 54.6249, -114.1845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

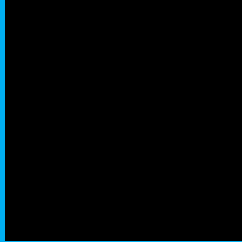
Any Text WCAG AA ✓ Pass

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 130.1990, 54.6249, -114.1845 Background



This preview shows how black text looks on a background with the YUV color 130.1990, 54.6249, -114.1845.

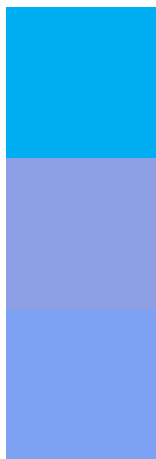


This preview shows how white text looks on a background with the YUV color 130.1990, 54.6249, -114.1845.

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

130.1990, 54.6249, -114.1845

Protanopia

162.1850, 32.9398, -18.5792

Deuteranopia

160.2850, 41.2715, -30.9449



Tritanopia

128.4770, 32.7958, -112.6743

Trichromacy



Original Color

130.1990, 54.6249, -114.1845

Protanomaly

150.3270, 40.7578, -52.9068

Deuteranomaly

149.6510, 46.0211, -61.0839

Tritanomaly

129.2410, 40.8002, -113.3444

Monochromacy



Original Color

130.1990, 54.6249, -114.1845

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 130.1990, 54.6249, -114.1845 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(0, 175, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 241) }
```

Border

The CSS property to change the border of an element to YUV 130.1990, 54.6249, -114.1845 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, 241) }
```


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

```
.border{ border-color:rgb(0, 175, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 241);  
box-shadow:4px 4px 4px 4px rgb(0, 175,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 130.1990, 54.6249, -114.1845 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, 241) }
```

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

```
.background{ background-color: rgb(0, 175,  
241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor