

# Converting Colors

YUV(129.9540, 56.2247,  
-113.9697)

Have a look what the booklet for  
YUV(129.9540, 56.2247, -113.9697)  
contains.

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# Color

**YUV(129.9540, 56.2247,  
-113.9697)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AEF4
RGB	0, 174, 244
RGB Percent	0%, 68%, 96%
CMY	1.0000, 0.3176, 0.0431
CMYK	1.00, 0.29, 0.00, 0.04
HSL	197°, 100%, 48%
HSV	197°, 100%, 96%
XYZ	31.4652, 36.8038, 91.0334
YIQ	129.9540, -126.1740, -15.1180

# Conversions

## Conversions Part 2

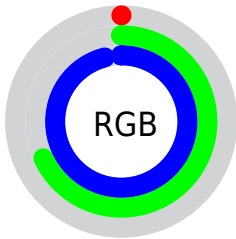
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 102, 244
Decimal	44788
CIELab	67.13, -12.43, -45.09
CIELCh	67, 46.768, 254.586
Yxy	36.8038, 0.1975, 0.2310
Android (android.graphics.Color)	4278234868 (0xFF00AEF4)
YUV	129.9540, 56.2247, -113.9697
Hunter-Lab	60.6661, -13.5846, -46.5022

# Details

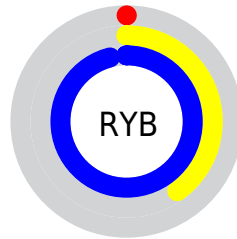
The YUV color **129.9540, 56.2247, -113.9697** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle saturated azure. A complement of this color would be **114.0460, -56.2247, 113.9697**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3830, 28.8982, -75.7579**, and **92.9320, 46.3755, -81.5014** is the 20% darker color. If you saturate the color by 10%, you get **129.9540, 56.2247, -113.9697**, and if you desaturate by 10%, it is **141.2390, 50.6612, -102.8186**.

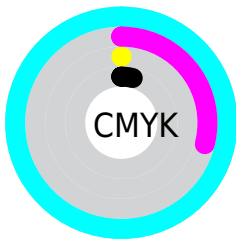
# Distribution



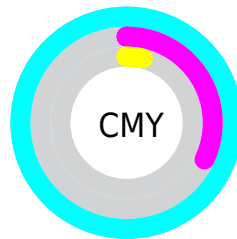
- Red (0%)
- Green (68%)
- Blue (96%)



- Red (0%)
- Yellow (40%)
- Blue (96%)



- Cyan (100%)
- Magenta (29%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (32%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 129.9540, 56.2247, -113.9697 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 129.9540, 56.2247, -113.9697 by changing the saturation by 10% instead.



■ 129.9540, 56.2247,  
-113.9697

■ 129.9540, 56.2247,  
-113.9697

■ 255.0000, 0.0000,  
0.0000

■ 110.7990, 51.3711,  
-97.1707

■ 196.3830, 28.8982,  
-75.7579

■ 92.9320, 46.3755,  
-81.5014

■ 221.8110, 16.3622,  
-68.2402

■ 75.1790, 41.8168,  
-65.9320

■ 231.3790, 11.6452,  
-48.5674

■ 58.7140, 37.1160,  
-51.4922

■ 240.9470, 6.9281,  
-28.8945

■ 42.2490, 32.4152,  
-37.0524

■ 250.5150, 2.2111,  
-9.2217

■ 27.6590, 27.2831,  
-24.2569

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,  
-4.7288

■ 2.0690, 5.3890,  
-1.8145

■ 129.9540, 56.2247,  
-113.9697

■ 141.2390, 50.6612,  
-102.8186

■ 152.8230, 44.9503,  
-91.0528

■ 164.1080, 39.3868,  
-79.9017

■ 175.6920, 33.6758,  
-68.1359

■ 186.9770, 28.1123,  
-56.9848

■ 198.2620, 22.5488,  
-45.8338

■ 209.8460, 16.8379,  
-34.0679

■ 221.1310, 11.2744,  
-22.9169

■ 232.7150, 5.5635,  
-11.1511

# Harmonies

## Analogous

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



132.0280, 43.8632, -115.7886



129.9540, 56.2247, -113.9697



161.6060, 41.1132, -26.8415

# Triad

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



129.9540, 56.2247, -113.9697



164.7960, -10.2524, 68.5849



152.4780, -25.3787, -26.7292

# Complementary

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



129.9540, 56.2247, -113.9697



114.0460, -56.2247, 113.9697

# 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.



158.1530, -39.0224, 9.5128



129.9540, 56.2247, -113.9697



163.0560, -28.1286, 62.2179

# Square

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



129.9540, 56.2247, -113.9697



167.2840, 9.7200, 55.8789



160.9380, -39.4094, 40.3964



140.7120, -0.3510, -74.2924



# Rectangle

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



129.9540, 56.2247, -113.9697



166.9370, 32.5691, 7.0713



160.9380, -39.4094, 40.3964



154.4750, -30.8002, -14.4486

# Sweetspot

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



129.9540, 56.2247, -113.9697



219.3620, 17.5695, -35.3975



151.0940, -40.4723, -132.5094



106.0280, 10.8322, -21.0726



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

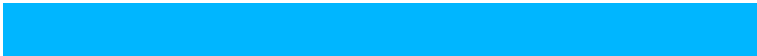


# Same Dimension

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



129.9540, 56.2247, -113.9697



135.9040, 58.7143, -119.1878



58.9270, 91.2410, -51.6790



116.6510, 2.6371, -5.8329



99.2750, 42.7554, -87.0642



31.3800, 13.6167, -27.5203



# Inverse Universe

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



92.7920, 40.0355, 132.6094



96.9930, 41.9085, 138.5721



185.0730, -91.2410, 51.6790



114.6140, 2.1623, 6.4775



70.7760, 30.6764, 101.0514



22.4290, 9.6485, 32.0728



# Previews

## White Background



This preview shows how the YUV color 129.9540, 56.2247, -113.9697 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

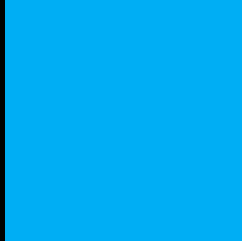
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 129.9540, 56.2247, -113.9697 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

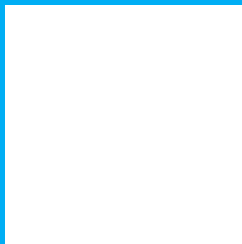
Any Text WCAG AAA ✓ Pass

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

# YUV 129.9540, 56.2247, -113.9697 Background



This preview shows how black text looks on a background with the YUV color 129.9540, 56.2247, -113.9697.



This preview shows how white text looks on a background with the YUV color 129.9540, 56.2247, -113.9697.



# 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



### Protanopia

161.9290, 34.5450, -20.1087

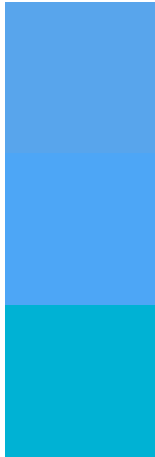
### Deuteranopia

159.4310, 43.1715, -33.7040

### Tritanopia

128.3630, 32.3590, -112.5744

# Trichromacy



## Protanomaly

150.0710, 42.3630, -54.4363

## Deuteranomaly

148.5090, 48.0631, -62.7134

## Tritanomaly

128.6540, 41.0896, -112.8296

# Monochromacy



## Achromatopsia

130.0000, 0.0000, 0.0000

## Achromatomaly

130.0130, 20.2066, -41.2304

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.9540, 56.2247, -113.9697 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 244) }
```

## Border

The CSS property to change the border of an element to YUV 129.9540, 56.2247, -113.9697 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, 244) }
```

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

```
.border{ border-color:rgb(0, 174, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
244) }
```



# Background

The CSS property to change the background color of an element to YUV 129.9540, 56.2247, -113.9697 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, 244) }
```

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

```
.background{ background-color: rgb(0, 174,  
244) }
```

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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