

# Converting Colors

YUV(128.3580, 50.1095,  
-112.5700)

Have a look what the booklet for  
YUV(128.3580, 50.1095, -112.5700)  
contains.

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# Color

**YUV(128.3580, 50.1095,  
-112.5700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AEE6
RGB	0, 174, 230
RGB Percent	0%, 68%, 90%
CMY	1.0000, 0.3176, 0.0980
CMYK	1.00, 0.24, 0.00, 0.10
HSL	195°, 100%, 45%
HSV	195°, 100%, 90%
XYZ	29.4190, 35.9853, 80.2582
YIQ	128.3580, -121.6800, -19.4720

# Conversions

## Conversions Part 2

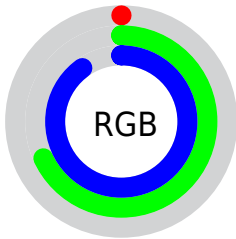
Format	Color
<b>RYB</b>	0, 99, 230
Decimal	44774
CIELab	66.51, -17.42, -38.41
CIELCh	67, 42.174, 245.603
Yxy	35.9853, 0.2020, 0.2470
Android (android.graphics.Color)	4278234854 (0xFF00AEE6)
YUV	128.3580, 50.1095, -112.5700
Hunter-Lab	59.9877, -17.4392, -37.3333

# Details

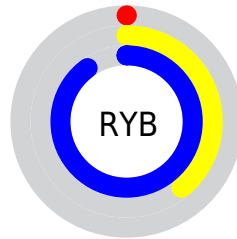
The YUV color **128.3580, 50.1095, -112.5700** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **101.6420, -50.1095, 112.5700**, and the grayscale version is **128.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0730, 29.0510, -78.1170**, and **91.4500, 40.6972, -80.2016** is the 20% darker color. If you saturate the color by 10%, you get **128.3580, 50.1095, -112.5700**, and if you desaturate by 10%, it is **138.7570, 44.9828, -101.5189**.

# Distribution



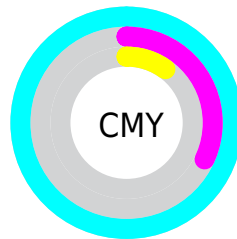
- Red (0%)
- Green (68%)
- Blue (90%)



- Red (0%)
- Yellow (39%)
- Blue (90%)



- Cyan (100%)
- Magenta (24%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (32%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 128.3580, 50.1095, -112.5700 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 128.3580, 50.1095, -112.5700 by changing the saturation by 10% instead.



■ 128.3580, 50.1095,  
-112.5700

■ 128.3580, 50.1095,  
-112.5700

■ 255.0000, 0.0000,  
0.0000

■ 109.3170, 45.6927,  
-95.8710

■ 196.0730, 29.0510,  
-78.1170

■ 91.4500, 40.6972,  
-80.2016

■ 220.6150, 16.9518,  
-70.6994

■ 73.6970, 36.1384,  
-64.6323

■ 230.1830, 12.2348,  
-51.0265

■ 56.6450, 31.7270,  
-49.6777

■ 239.7510, 7.5178,  
-31.3536

■ 40.2940, 27.4631,  
-35.3378

■ 249.0200, 2.9481,  
-12.2955

■ 26.4050, 22.4783,  
-23.1572

■ 7.9340, 20.2455,

-6.9581

■ 3.6650, 11.5042,  
-3.2142

■ 0.0000, 0.0000,  
0.0000

■ 128.3580, 50.1095,  
-112.5700

■ 138.7570, 44.9828,  
-101.5189

■ 148.5690, 40.1455,  
-89.9530

■ 158.9680, 35.0188,  
-78.9019

■ 168.7800, 30.1815,  
-67.3361

■ 179.1790, 25.0548,  
-56.2850

■ 189.5780, 19.9280,  
-45.2339

■ 199.3900, 15.0907,  
-33.6680

■ 209.7890, 9.9640,  
-22.6170

■ 219.6010, 5.1267,  
-11.0511

# Harmonies

## Analogous

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



129.0300, 37.4532, -113.1593



128.3580, 50.1095, -112.5700



156.7850, 39.5460, -37.5224

# Triad

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



128.3580, 50.1095, -112.5700



164.3480, -4.1156, 60.2078



153.3980, -27.3112, -13.5040

# Complementary

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



128.3580, 50.1095, -112.5700



101.6420, -50.1095, 112.5700

# 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.



158.3050, -36.1394, 18.1495



128.3580, 50.1095, -112.5700



162.5810, -20.9924, 60.0035

# Square

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



128.3580, 50.1095, -112.5700



166.2330, 13.6891, 42.7687



161.1540, -33.5999, 43.7149



146.6890, -8.7207, -49.7163



# Rectangle

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



128.3580, 50.1095, -112.5700



163.5610, 32.7544, -5.7540



161.1540, -33.5999, 43.7149



155.3240, -31.7117, -2.0381

# Sweetspot

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



128.3580, 50.1095, -112.5700



221.1230, 16.7014, -36.9419



141.1660, -42.9728, -123.8026



107.2020, 10.2534, -22.1022



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

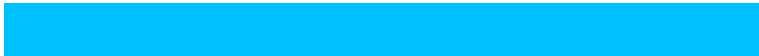


# Same Dimension

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



128.3580, 50.1095, -112.5700



142.3610, 55.5310, -124.8506



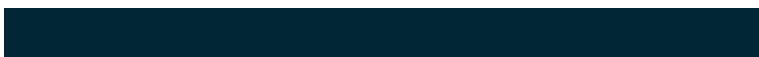
62.0270, 82.8107, -54.3977



109.6510, 2.6371, -5.8329



99.6510, 39.1191, -87.3939



28.7070, 10.9904, -25.1760



# Inverse Universe

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



88.6060, 42.0992, 124.0025



98.2470, 46.7132, 137.4724



167.9730, -82.8107, 54.3977



107.6140, 2.1623, 6.4775



68.9110, 32.5819, 96.5481



19.6950, 9.5174, 27.4545



# Previews

## White Background



This preview shows how the YUV color 128.3580, 50.1095, -112.5700 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

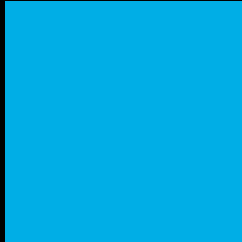
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 128.3580, 50.1095, -112.5700 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 128.3580, 50.1095, -112.5700 Background



This preview shows how black text looks on a background with the YUV color 128.3580, 50.1095, -112.5700.



This preview shows how white text looks on a background with the YUV color 128.3580, 50.1095, -112.5700.



# 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

161.2410, 27.9822, -15.1204

### Deuteranopia

159.0640, 36.4504, -24.6121

### Tritanopia

126.9610, 32.0642, -111.3448

# Trichromacy



## Protanomaly

149.0840, 35.9476, -50.0627

## Deuteranomaly

147.5330, 41.6422, -56.5954

## Tritanomaly

127.3830, 38.7582, -111.7149

# Monochromacy



## Achromatopsia

128.0000, 0.0000, 0.0000

## Achromatomaly

128.1440, 18.1700, -41.3453

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 128.3580, 50.1095, -112.5700 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 174, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 174, 230) }
```

## Border

The CSS property to change the border of an element to YUV 128.3580, 50.1095, -112.5700 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, 230) }
```

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

```
.border{ border-color:rgb(0, 174, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 174, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 174, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 174,  
230) }
```



# Background

The CSS property to change the background color of an element to YUV 128.3580, 50.1095, -112.5700 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, 230) }
```

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

```
.background{ background-color: rgb(0, 174,  
230) }
```

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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