

Converting Colors

YUV(124.8060, 64.1856,
-100.6849)

Have a look what the booklet for
YUV(124.8060, 64.1856, -100.6849)
contains.

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Color

**YUV(124.8060, 64.1856,
-100.6849)**

Conversions

Conversions Part 1

Format	Color
Hex	0A9EFF
RGB	10, 158, 255
RGB Percent	4%, 62%, 100%
CMY	0.9608, 0.3804, 0.0000
CMYK	0.96, 0.38, 0.00, 0.00
HSL	204°, 100%, 52%
HSV	204°, 96%, 100%
XYZ	30.4020, 31.7382, 99.1315
YIQ	124.8060, -119.3450, -1.2090

Conversions

Conversions Part 2

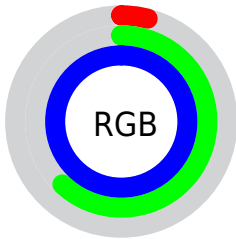
Format	Color
R _Y B	10, 102, 255
Decimal	696063
CIE Lab	63.13, 0.89, -57.42
CIE LCh	63, 57.424, 270.884
Yxy	31.7382, 0.1885, 0.1968
Android (android.graphics.Color)	4278886143 (0xFF0A9EFF)
YUV	124.8060, 64.1856, -100.6849
Hunter-Lab	56.3367, -2.2619, -64.8925

Details

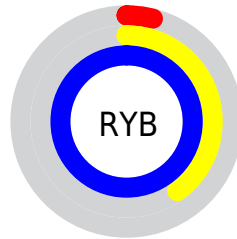
The YUV color **124.8060, 64.1856, -100.6849** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **140.1940, -64.1856, 100.6849**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6000, 33.2282, -64.5472**, and **85.3810, 55.5212, -74.8791** is the 20% darker color. If you saturate the color by 10%, you get **119.4680, 66.8173, -104.7734**, and if you desaturate by 10%, it is **138.1510, 57.6066, -90.4634**.

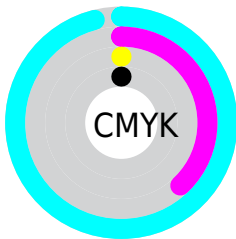
Distribution



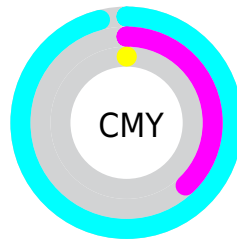
- Red (4%)
- Green (62%)
- Blue (100%)



- Red (4%)
- Yellow (40%)
- Blue (100%)



- Cyan (96%)
- Magenta (38%)
- Yellow (0%)
- Black (0%)



- Cyan (96%)
- Magenta (38%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.8060, 64.1856, -100.6849 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 124.8060, 64.1856, -100.6849 by changing the saturation by 10% instead.

■ 124.8060, 64.1856,
-100.6849

■ 124.8060, 64.1856,
-100.6849

■ 255.0000, 0.0000,
0.0000

■ 103.2480, 60.5167,
-90.5485

■ 187.6000, 33.2282,
-64.5472

■ 85.3810, 55.5212,
-74.8791

■ 214.2020, 20.1134,
-58.0592

■ 68.6880, 49.9468,
-60.2394

■ 232.5750, 11.0555,
-46.1083

■ 52.1090, 44.8093,
-45.6996

■ 242.1430, 6.3385,
-26.4354

■ 37.4050, 39.2403,
-32.8042

■ 251.7110, 1.6215,
-6.7625

■ 22.7010, 33.6714,
-19.9088

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 124.8060, 64.1856,
-100.6849

■ 124.8060, 64.1856,
-100.6849

■ 119.4680, 66.8173,
-104.7734

■ 138.1510, 57.6066,
-90.4634

■ 151.7950, 50.8801,
-79.6272

■ 165.4390, 44.1536,
-68.7910

■ 178.7840, 37.5745,
-58.5696

■ 192.4280, 30.8480,
-47.7334

■ 206.3600, 23.9795,
-38.0267

■ 220.0040, 17.2530,
-27.1905

■ 233.3490, 10.6739,
-16.9691

■ 246.9930, 3.9475,
-6.1329

Harmonies

Analogous

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



127.8510, 55.7825, -112.1253



124.8060, 64.1856, -100.6849



155.7110, 42.0475, 0.2535

Triad

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



124.8060, 64.1856, -100.6849



150.7300, -23.5309, 80.9208



128.6020, -13.6078, -68.9340

Complementary

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



124.8060, 64.1856, -100.6849



140.1940, -64.1856, 100.6849

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.



141.5540, -40.6991, -12.7639



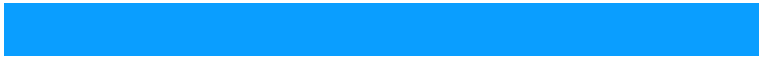
124.8060, 64.1856, -100.6849



149.4460, -43.1109, 60.9989

Square

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



124.8060, 64.1856, -100.6849



152.6200, 0.1873, 80.1403



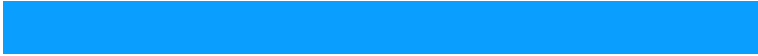
146.9460, -51.7384, 28.1114



121.3410, 15.6079, -106.4161

Rectangle

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



124.8060, 64.1856, -100.6849



157.4400, 29.8561, 37.3251



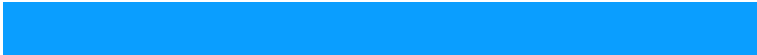
146.9460, -51.7384, 28.1114



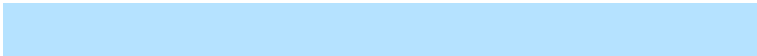
134.8840, -24.5928, -45.5023

Sweetspot

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



124.8060, 64.1856, -100.6849



215.8510, 19.3005, -30.5643



164.5310, -29.8418, -135.5237



103.9790, 11.8424, -18.3986



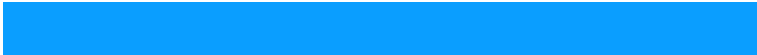
0.0000, 0.0000, 0.0000



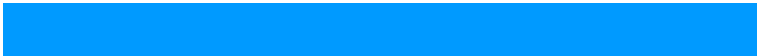
128.0000, 0.0000, 0.0000

Same Dimension

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



124.8060, 64.1856, -100.6849



119.4680, 66.8173, -104.7734



54.9530, 98.6232, -39.4238



120.5910, 3.6526, -4.9033



89.8660, 49.8591, -78.8125



30.1890, 16.6688, -26.4758

Inverse Universe

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



100.1270, 28.5314, 135.8236



93.8010, 29.6781, 141.3715



210.0470, -98.6232, 39.4238



119.6850, 1.1413, 7.2923



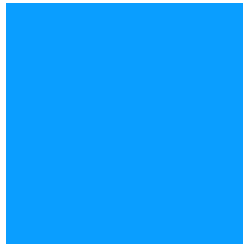
70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 124.8060, 64.1856, -100.6849 looks on a white background.

Color Contrast Check

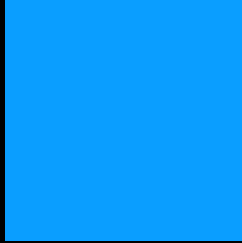
Large Text (above 18pt) WCAG AA × Fail

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 124.8060, 64.1856, -100.6849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

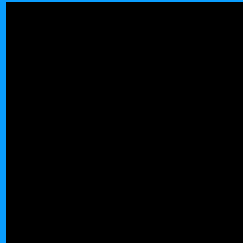
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

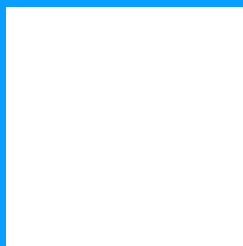
Any Text WCAG AAA ✓ Pass

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

YUV 124.8060, 64.1856, -100.6849 Background



This preview shows how black text looks on a background with the YUV color 124.8060, 64.1856, -100.6849.

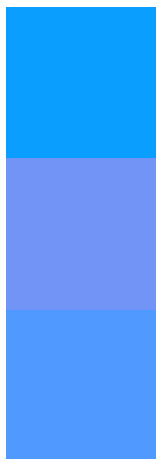


This preview shows how white text looks on a background with the YUV color 124.8060, 64.1856, -100.6849.

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

124.8060, 64.1856, -100.6849

Protanopia

148.7070, 47.9654, -31.3150

Deuteranopia

142.8010, 55.3141, -55.0765



Tritanopia

119.8370, 30.1534, -105.0970

Trichromacy



Original Color

124.8060, 64.1856, -100.6849

Protanomaly

140.3340, 53.5723, -56.4209

Deuteranomaly

136.5000, 58.4205, -71.4755

Tritanomaly

121.7630, 42.5148, -103.2782

Monochromacy



Original Color

124.8060, 64.1856, -100.6849

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.8440, 23.2479, -36.6972

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.8060, 64.1856, -100.6849 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(10, 158, 255)` looks like.

```
.text, #text, p{  
    color:rgb(10, 158, 255)  
}
```

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(10, 158, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 158, 255) }
```

Border

The CSS property to change the border of an element to YUV 124.8060, 64.1856, -100.6849 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(10, 158, 255) }
```


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

```
.border{ border-color:rgb(10, 158, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 158, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 158, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 158, 255);  
box-shadow:4px 4px 4px 4px rgb(10, 158,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 124.8060, 64.1856, -100.6849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 158, 255) }
```

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

```
.background{ background-color: rgb(10, 158,  
255) }
```

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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