

Converting Colors

YUV(124.1980, 59.5554,
-108.9216)

Have a look what the booklet for
YUV(124.1980, 59.5554, -108.9216)
contains.

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Color

**YUV(124.1980, 59.5554,
-108.9216)**

Conversions

Conversions Part 1

Format	Color
Hex	00A4F5
RGB	0, 164, 245
RGB Percent	0%, 64%, 96%
CMY	1.0000, 0.3569, 0.0392
CMYK	1.00, 0.33, 0.00, 0.04
HSL	200°, 100%, 48%
HSV	200°, 100%, 96%
XYZ	29.7569, 33.1435, 91.2152
YIQ	124.1980, -123.7450, -9.5770

Conversions

Conversions Part 2

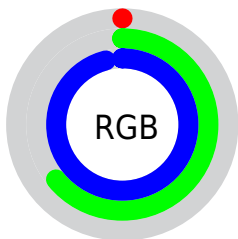
Format	Color
RYB	0, 98, 245
Decimal	42229
CIELab	64.28, -6.51, -50.13
CIElCh	64, 50.551, 262.600
Yxy	33.1435, 0.1931, 0.2151
Android (android.graphics.Color)	4278232309 (0xFF00A4F5)
YUV	124.1980, 59.5554, -108.9216
Hunter-Lab	57.5704, -8.4854, -53.6405

Details

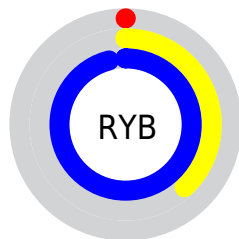
The YUV color **124.1980, 59.5554, -108.9216** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **120.8020, -59.5554, 108.9216**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.5130, 31.7921, -70.6099**, and **87.7630, 49.4168, -76.9682** is the 20% darker color. If you saturate the color by 10%, you get **124.1980, 59.5554, -108.9216**, and if you desaturate by 10%, it is **136.0700, 53.7025, -98.2854**.

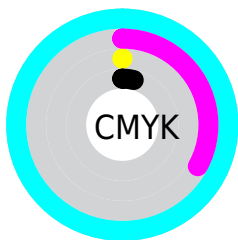
Distribution



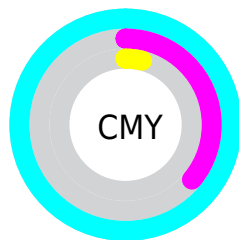
- Red (0%)
- Green (64%)
- Blue (96%)



- Red (0%)
- Yellow (38%)
- Blue (96%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (36%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 124.1980, 59.5554, -108.9216 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 124.1980, 59.5554, -108.9216 by changing the saturation by 10% instead.

■ 124.1980, 59.5554,
-108.9216

■ 124.1980, 59.5554,
-108.9216

■ 255.0000, 0.0000,
0.0000

■ 105.6300, 54.4124,
-92.6375

■ 190.5130, 31.7921,
-70.6099

■ 87.7630, 49.4168,
-76.9682

■ 217.1150, 18.6773,
-64.1219

■ 70.5970, 44.5687,
-61.9136

■ 231.3790, 11.6452,
-48.5674

■ 54.0180, 39.4311,
-47.3738

■ 240.9470, 6.9281,
-28.8945

■ 38.1400, 34.4410,
-33.4488

■ 250.2160, 2.3585,
-9.8364

■ 24.2510, 29.4563,
-21.2681

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 124.1980, 59.5554,
-108.9216

■ 136.0700, 53.7025,
-98.2854

■ 148.2410, 47.7022,
-87.0344

■ 160.4120, 41.7019,
-75.7833

■ 172.2840, 35.8490,
-65.1471

■ 185.0420, 29.5593,
-54.4108

■ 196.9140, 23.7064,
-43.7746

■ 208.7860, 17.8535,
-33.1383

■ 220.9570, 11.8532,
-21.8873

■ 233.1280, 5.8529,
-10.6363

Harmonies

Analogous

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



128.0160, 48.7991, -112.2700



124.1980, 59.5554, -108.9216



155.9820, 40.9279, -14.0162

Triad

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



124.1980, 59.5554, -108.9216



155.7490, -15.6523, 73.8881



140.9430, -20.6779, -41.1690

Complementary

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



124.1980, 59.5554, -108.9216



120.8020, -59.5554, 108.9216

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.



148.2720, -39.5741, -0.2385



124.1980, 59.5554, -108.9216



154.7370, -34.3803, 60.7437

Square

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



124.1980, 59.5554, -108.9216



158.1990, 5.3249, 65.6005



152.3410, -44.0451, 33.9039



120.7880, 10.9505, -105.9311

Rectangle

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



124.1980, 59.5554, -108.9216



160.2700, 30.9259, 20.8112



152.3410, -44.0451, 33.9039



143.7940, -27.9994, -26.1293

Sweetspot

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



124.1980, 59.5554, -108.9216



217.6010, 18.4377, -33.8531



152.7070, -36.8306, -133.9240



104.8540, 11.4110, -20.0430



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.



124.1980, 59.5554, -108.9216



129.4470, 61.8976, -113.5250



54.3450, 93.9929, -47.6606



116.0640, 2.9264, -5.3181



94.5790, 45.0706, -82.9458



29.6190, 14.4848, -25.9759

Inverse Universe

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



91.9510, 35.5202, 134.2240



95.7390, 37.1037, 139.6719



190.6550, -93.9929, 47.6606



114.5000, 1.7255, 6.5775



69.8640, 27.1820, 101.8513



22.0870, 8.3381, 32.3727

Previews

White Background



This preview shows how the YUV color 124.1980, 59.5554, -108.9216 looks on a white background.

Color Contrast Check

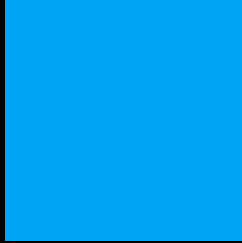
Large Text (above 18pt) WCAG AA × Fail

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 124.1980, 59.5554, -108.9216 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

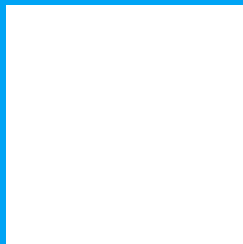
Any Text WCAG AAA ✓ Pass

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

YUV 124.1980, 59.5554, -108.9216 Background



This preview shows how black text looks on a background with the YUV color 124.1980, 59.5554, -108.9216.

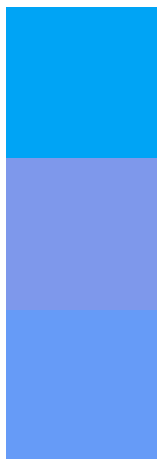


This preview shows how white text looks on a background with the YUV color 124.1980, 59.5554, -108.9216.

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

124.1980, 59.5554, -108.9216

Protanopia

153.6880, 40.0868, -24.2824

Deuteranopia

149.6410, 47.9980, -41.7812



Tritanopia

122.0540, 31.0324, -107.0414

Trichromacy



Original Color

124.1980, 59.5554, -108.9216

Protanomaly

142.7380, 47.4572, -55.0212

Deuteranomaly

140.2250, 52.1471, -65.9723

Tritanomaly

122.8010, 41.5101, -107.6965

Monochromacy



Original Color

124.1980, 59.5554, -108.9216

Achromatopsia

124.0000, 0.0000, 0.0000

Achromatomaly

124.3660, 21.5116, -39.7860

CSS Examples

Text

The CSS property to change the color of the text to YUV 124.1980, 59.5554, -108.9216 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, 164, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 164, 245)  
}
```

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, 164, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 164, 245) }
```

Border

The CSS property to change the border of an element to YUV 124.1980, 59.5554, -108.9216 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, 164, 245) }
```


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

```
.border{ border-color:rgb(0, 164, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 164, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 164, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 164, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 164,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 124.1980, 59.5554, -108.9216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 164, 245) }
```

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

```
.background{ background-color: rgb(0, 164,  
245) }
```

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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