

Converting Colors

YUV(108.8560, 61.6960,
-95.4667)

Have a look what the booklet for
YUV(108.8560, 61.6960, -95.4667)
contains.

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Color

**YUV(108.8560, 61.6960,
-95.4667)**

Conversions

Conversions Part 1

Format	Color
Hex	008CEA
RGB	0, 140, 234
RGB Percent	0%, 55%, 92%
CMY	1.0000, 0.4510, 0.0824
CMYK	1.00, 0.40, 0.00, 0.08
HSL	204°, 100%, 46%
HSV	204°, 100%, 92%
XYZ	24.2294, 24.6967, 81.3318
YIQ	108.8560, -113.6140, -0.4460

Conversions

Conversions Part 2

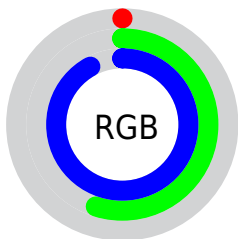
Format	Color
RYB	0, 88, 234
Decimal	36074
CIELab	56.78, 3.33, -55.99
CIELCh	57, 56.085, 273.406
Yxy	24.6967, 0.1860, 0.1896
Android (android.graphics.Color)	4278226154 (0xFF008CEA)
YUV	108.8560, 61.6960, -95.4667
Hunter-Lab	49.6958, 0.0608, -62.2467

Details

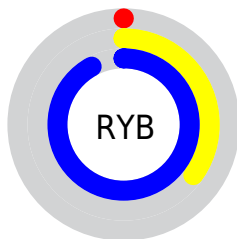
The YUV color **108.8560, 61.6960, -95.4667** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **125.1440, -61.6960, 95.4667**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3540, 39.7585, -59.0695**, and **73.7090, 51.4155, -64.6428** is the 20% darker color. If you saturate the color by 10%, you get **108.8560, 61.6960, -95.4667**, and if you desaturate by 10%, it is **121.0160, 55.7011, -85.9600**.

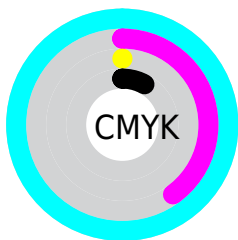
Distribution



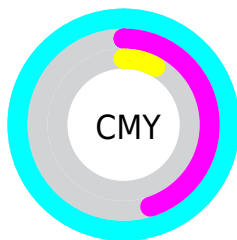
- Red (0%)
- Green (55%)
- Blue (92%)



- Red (0%)
- Yellow (35%)
- Blue (92%)



- Cyan (100%)
- Magenta (40%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (45%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.8560, 61.6960, -95.4667 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 108.8560, 61.6960, -95.4667 by changing the saturation by 10% instead.

■ 108.8560, 61.6960,
-95.4667

■ 108.8560, 61.6960,
-95.4667

255.0000, 0.0000,
0.0000

■ 90.8750, 56.2636,
-79.6974

■ 174.3540, 39.7585,
-59.0695

■ 73.7090, 51.4155,
-64.6428

■ 200.6570, 26.7911,
-53.1962

■ 57.0160, 45.8411,
-50.0030

■ 226.6610, 13.9711,
-47.9377

■ 41.7250, 40.5616,
-36.5928

■ 239.4520, 7.6652,
-31.9684

■ 27.0210, 34.9926,
-23.6974

■ 248.7210, 3.0955,
-12.9103

■ 13.7190, 29.7185,
-12.0316

■ 8.0480, 20.6823,

-7.0581

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 108.8560, 61.6960,
-95.4667

■ 121.0160, 55.7011,
-85.9600

■ 134.0620, 49.2694,
-76.3534

■ 146.2220, 43.2746,
-66.8467

■ 159.2680, 36.8429,
-57.2400

■ 171.4280, 30.8480,
-47.7334

■ 183.5880, 24.8531,
-38.2267

■ 196.6340, 18.4214,
-28.6200

■ 208.7940, 12.4266,
-19.1133

■ 221.8400, 5.9949,
-9.5067

Harmonies

Analogous

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



115.2330, 53.1291, -101.0593



108.8560, 61.6960, -95.4667



139.2340, 38.8316, 5.0568

Triad

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



108.8560, 61.6960, -95.4667



132.9960, -23.6620, 76.3025



104.5230, -7.1598, -83.7737

Complementary

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



108.8560, 61.6960, -95.4667



125.1440, -61.6960, 95.4667

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.



124.6290, -37.7781, -16.3376



108.8560, 61.6960, -95.4667



132.5270, -42.6578, 55.6658

Square

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



108.8560, 61.6960, -95.4667



134.9680, -0.9702, 78.0811



129.4400, -50.9959, 23.2931



109.9940, 15.2860, -96.4647

Rectangle

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



108.8560, 61.6960, -95.4667



140.3540, 26.9405, 39.1545



129.4400, -50.9959, 23.2931



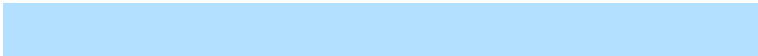
116.8880, -20.6508, -49.8908

Sweetspot

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



108.8560, 61.6960, -95.4667



214.0790, 20.1741, -30.7643



148.0740, -26.6585, -129.8609



103.0930, 12.2792, -18.4986



0.0000, 0.0000, 0.0000



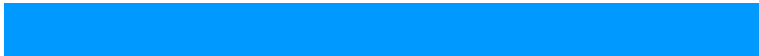
128.0000, 0.0000, 0.0000

Same Dimension

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



108.8560, 61.6960, -95.4667



118.8810, 67.1067, -104.2586



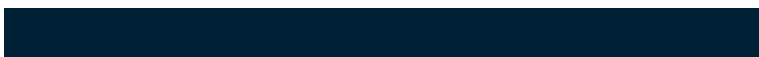
40.1770, 95.5547, -35.2352



111.3630, 2.7790, -4.7034



84.0300, 47.8062, -73.6943



24.9400, 14.3266, -21.8724

Inverse Universe

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



85.9260, 26.6585, 129.8609



93.6870, 29.2413, 141.4715



193.8230, -95.5547, 35.2352



110.0870, 1.4361, 6.0627



66.4310, 20.4935, 100.4770



19.7940, 6.0176, 29.9987

Previews

White Background



This preview shows how the YUV color 108.8560, 61.6960, -95.4667 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 108.8560, 61.6960, -95.4667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

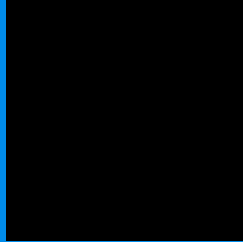
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.8560, 61.6960, -95.4667 Background



This preview shows how black text looks on a background with the YUV color 108.8560, 61.6960, -95.4667.



This preview shows how white text looks on a background with the YUV color 108.8560, 61.6960,

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

108.8560, 61.6960, -95.4667

Protanopia

132.0660, 46.8025, -31.6299

Deuteranopia

124.2520, 54.5988, -58.9800



Tritanopia

106.9910, 26.6264, -93.8311

Trichromacy



Original Color

108.8560, 61.6960, -95.4667

Protanomaly

123.7040, 52.4039, -54.9914

Deuteranomaly

118.5600, 57.4049, -72.4051

Tritanomaly

107.7210, 39.5775, -94.4713

Monochromacy



Original Color

108.8560, 61.6960, -95.4667

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.6270, 22.3689, -34.7529

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.8560, 61.6960, -95.4667 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, 140, 234)` looks like.

```
.text, #text, p{  
    color:rgb(0, 140, 234)  
}
```

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, 140, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 140, 234) }
```

Border

The CSS property to change the border of an element to YUV 108.8560, 61.6960, -95.4667 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, 140, 234) }
```


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

```
.border{ border-color:rgb(0, 140, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 140, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 140, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 140, 234);  
box-shadow:4px 4px 4px 4px rgb(0, 140,  
234) }
```

Background

The CSS property to change the background color of an element to YUV 108.8560, 61.6960, -95.4667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 140, 234) }
```

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

```
.background{ background-color: rgb(0, 140,  
234) }
```

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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