

Converting Colors

YUV(122.9900, 65.0809,
-107.8622)

Have a look what the booklet for
YUV(122.9900, 65.0809, -107.8622)
contains.

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Color

**YUV(122.9900, 65.0809,
-107.8622)**

Conversions

Conversions Part 1

Format	Color
Hex	00A0FF
RGB	0, 160, 255
RGB Percent	0%, 63%, 100%
CMY	1.0000, 0.3725, 0.0000
CMYK	1.00, 0.37, 0.00, 0.00
HSL	202°, 100%, 50%
HSV	202°, 100%, 100%
XYZ	30.6208, 32.3616, 99.2403
YIQ	122.9900, -125.8550, -4.3750

Conversions

Conversions Part 2

Format	Color
RYB	0, 98, 255
Decimal	41215
CIELab	63.64, -0.51, -56.60
CIELCh	64, 56.603, 269.480
Yxy	32.3616, 0.1888, 0.1995
Android (android.graphics.Color)	4278231295 (0xFF00A0FF)
YUV	122.9900, 65.0809, -107.8622
Hunter-Lab	56.8873, -3.4712, -63.6108

Details

The YUV color **122.9900, 65.0809, -107.8622** 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 **132.0100, -65.0809, 107.8622**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.1760, 32.9442, -66.8064**, and **86.5550, 54.9424, -75.9087** is the 20% darker color. If you saturate the color by 10%, you get **122.9900, 65.0809, -107.8622**, and if you desaturate by 10%, it is **136.3350, 58.5018, -97.6408**.

Distribution



- Red (0%)
- Green (63%)
- Blue (100%)



- Red (0%)
- Yellow (38%)
- Blue (100%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 122.9900, 65.0809, -107.8622 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 122.9900, 65.0809, -107.8622 by changing the saturation by 10% instead.

■ 122.9900, 65.0809,
-107.8622

■ 122.9900, 65.0809,
-107.8622

■ 255.0000, 0.0000,
0.0000

■ 104.4220, 59.9380,
-91.5781

■ 188.1760, 32.9442,
-66.8064

■ 86.5550, 54.9424,
-75.9087

■ 215.3650, 19.5401,
-60.8331

■ 69.2750, 49.6574,
-60.7542

■ 232.2760, 11.2029,
-46.7231

■ 53.2830, 44.2305,
-46.7292

■ 241.8440, 6.4859,
-27.0502

■ 37.9920, 38.9509,
-33.3190

■ 251.4120, 1.7689,
-7.3773

■ 23.4020, 33.8188,
-20.5236

■ 11.7470, 27.2397,

-10.3021

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 122.9900, 65.0809,
-107.8622

■ 136.3350, 58.5018,
-97.6408

■ 149.3920, 52.0647,
-86.2898

■ 163.0360, 45.3383,
-75.4536

■ 175.7940, 39.0486,
-64.7173

■ 189.4380, 32.3221,
-53.8811

■ 202.1960, 26.0324,
-43.1449

■ 215.8400, 19.3059,
-32.3087

■ 228.5980, 13.0162,
-21.5724

■ 242.2420, 6.2897,
-10.7362

Harmonies

Analogous

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



128.3240, 55.0563, -112.5401



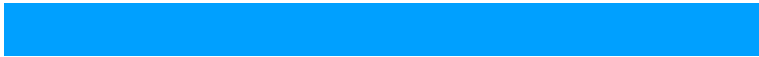
122.9900, 65.0809, -107.8622



156.4010, 42.2003, -2.1057

Triad

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



122.9900, 65.0809, -107.8622



152.0720, -22.2205, 80.6209



132.1790, -15.3712, -63.3010

Complementary

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



122.9900, 65.0809, -107.8622



132.0100, -65.0809, 107.8622

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.



143.7500, -41.2888, -10.3048



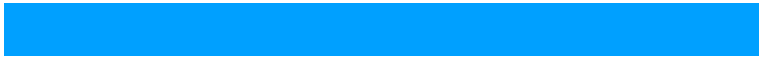
122.9900, 65.0809, -107.8622



151.2010, -41.5111, 61.2137

Square

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



122.9900, 65.0809, -107.8622



153.9510, 1.5032, 78.0960



148.2990, -50.4334, 29.5558



121.8140, 14.8817, -106.8309

Rectangle

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



122.9900, 65.0809, -107.8622



158.8310, 30.1563, 34.3512



148.2990, -50.4334, 29.5558



137.2650, -25.7666, -42.3284

Sweetspot

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



122.9900, 65.0809, -107.8622



215.8400, 19.3059, -32.3087



160.4010, -32.7357, -140.6717



103.6800, 11.9898, -19.0134



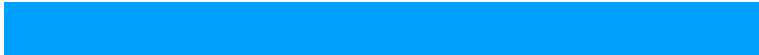
0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



122.9900, 65.0809, -107.8622



49.0280, 101.5442, -42.9976



121.1780, 3.3632, -5.4181



92.2140, 48.7015, -80.8717



30.7760, 16.3794, -26.9906

Inverse Universe

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



94.4850, 32.2989, 140.7717



205.9720, -101.5442, 42.9976



119.7990, 1.5781, 7.1923



70.7890, 24.2610, 105.4250



23.6960, 8.0379, 35.3466

Previews

White Background



This preview shows how the YUV color 122.9900, 65.0809, -107.8622 looks on a white background.

Color Contrast Check

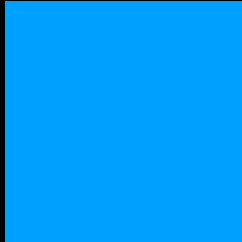
Large Text (above 18pt) WCAG AA × Fail

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 122.9900, 65.0809, -107.8622 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

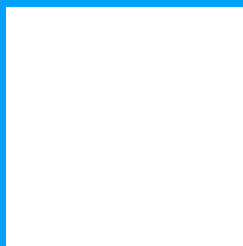
Any Text WCAG AAA ✓ Pass

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

YUV 122.9900, 65.0809, -107.8622 Background



This preview shows how black text looks on a background with the YUV color 122.9900, 65.0809, -107.8622.



This preview shows how white text looks on a background with the YUV color 122.9900, 65.0809,

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

122.9900, 65.0809, -107.8622

Protanopia

150.7780, 46.9444, -30.5003

Deuteranopia

144.8830, 54.2877, -52.5174



Tritanopia

120.5380, 30.3008, -105.7118

Trichromacy



Original Color

122.9900, 65.0809, -107.8622

Protanomaly

140.9100, 53.2884, -58.6801

Deuteranomaly

136.7880, 58.2785, -72.6051

Tritanomaly

121.2680, 43.2519, -106.3520

Monochromacy



Original Color

122.9900, 65.0809, -107.8622

Achromatopsia

123.0000, 0.0000, 0.0000

Achromatomaly

122.6480, 23.8375, -39.1563

CSS Examples

Text

The CSS property to change the color of the text to YUV 122.9900, 65.0809, -107.8622 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, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 160, 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(0, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 160, 255) }
```

Border

The CSS property to change the border of an element to YUV 122.9900, 65.0809, -107.8622 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, 160, 255) }
```

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

```
.border{ border-color:rgb(0, 160, 255) }
```

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

Here you see how a box with a 4 pixel rgb(0, 160, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 160,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 122.9900, 65.0809, -107.8622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 160, 255) }
```

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

```
.background{ background-color: rgb(0, 160,  
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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