

Converting Colors

YUV(115.9460, 68.5536,
-101.6846)

Have a look what the booklet for
YUV(115.9460, 68.5536, -101.6846)
contains.

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Color

**YUV(115.9460, 68.5536,
-101.6846)**

Conversions

Conversions Part 1

Format	Color
Hex	0094FF
RGB	0, 148, 255
RGB Percent	0%, 58%, 100%
CMY	1.0000, 0.4196, 0.0000
CMYK	1.00, 0.42, 0.00, 0.00
HSL	205°, 100%, 50%
HSV	205°, 100%, 100%
XYZ	28.6399, 28.3998, 98.5800
YIQ	115.9460, -122.5550, 1.9010

Conversions

Conversions Part 2

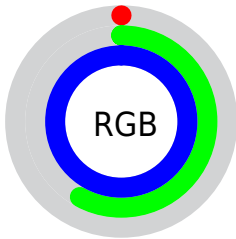
Format	Color
R _Y B	0, 94, 255
Decimal	38143
CIE Lab	60.25, 6.55, -62.02
CIE LCh	60, 62.364, 276.030
Yxy	28.3998, 0.1840, 0.1825
Android (android.graphics.Color)	4278228223 (0xFF0094FF)
YUV	115.9460, 68.5536, -101.6846
Hunter-Lab	53.2915, 2.6694, -72.3722

Details

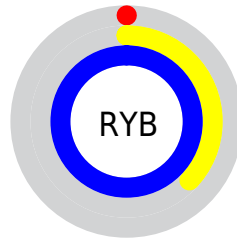
The YUV color **115.9460, 68.5536, -101.6846** is a dark color, and the websafe version is hex **3399FF**. The color can be described as middle saturated azure. A complement of this color would be **139.0540, -68.5536, 101.6846**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.5450, 36.7063, -60.1140**, and **80.0980, 58.1257, -70.2459** is the 20% darker color. If you saturate the color by 10%, you get **115.9460, 68.5536, -101.6846**, and if you desaturate by 10%, it is **129.8780, 61.6851, -91.9780**.

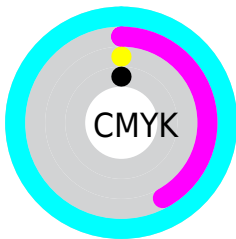
Distribution



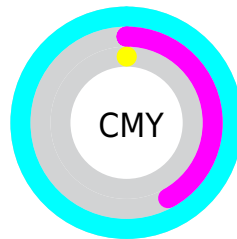
- Red (0%)
- Green (58%)
- Blue (100%)



- Red (0%)
- Yellow (37%)
- Blue (100%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.9460, 68.5536, -101.6846 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 115.9460, 68.5536, -101.6846 by changing the saturation by 10% instead.

■ 115.9460, 68.5536,
-101.6846

■ 115.9460, 68.5536,
-101.6846

255.0000, 0.0000,
0.0000

■ 97.9650, 63.1213,
-85.9153

■ 180.5450, 36.7063,
-60.1140

■ 80.0980, 58.1257,
-70.2459

■ 207.1470, 23.5915,
-53.6259

■ 63.4050, 52.5513,
-55.6062

■ 232.2760, 11.2029,
-46.7231

■ 48.0000, 46.8350,
-42.0960

■ 241.8440, 6.4859,
-27.0502

■ 33.1820, 40.8293,
-29.1006

■ 251.4120, 1.7689,
-7.3773

■ 15.6570, 37.1441,
-13.7312

■ 11.7470, 27.2397,

-10.3021

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 115.9460, 68.5536,
-101.6846

■ 129.8780, 61.6851,
-91.9780

■ 143.5220, 54.9587,
-81.1418

■ 157.7530, 47.9428,
-70.8204

■ 171.6850, 41.0743,
-61.1137

■ 185.9160, 34.0584,
-50.7923

■ 199.2610, 27.4793,
-40.5709

■ 213.4920, 20.4634,
-30.2495

■ 227.4240, 13.5950,
-20.5428

■ 241.0680, 6.8685,
-9.7066

Harmonies

Analogous

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



123.6110, 59.8448, -108.4068



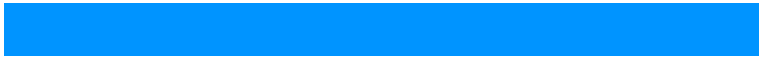
115.9460, 68.5536, -101.6846



148.8910, 42.4517, 10.6196

Triad

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



115.9460, 68.5536, -101.6846



140.9000, -28.0517, 84.2797



109.7880, -5.8115, -96.2841

Complementary

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



115.9460, 68.5536, -101.6846



139.0540, -68.5536, 101.6846

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.



130.7870, -40.8140, -22.6152



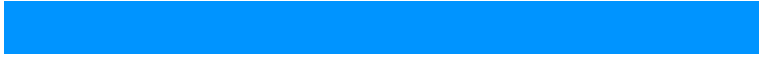
115.9460, 68.5536, -101.6846



140.6000, -50.0888, 59.1098

Square

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



115.9460, 68.5536, -101.6846



141.5780, -2.7500, 88.9471



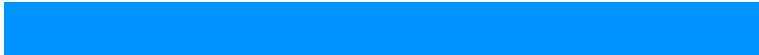
136.0350, -60.1633, 23.6483



118.0470, 18.2178, -103.5272

Rectangle

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



115.9460, 68.5536, -101.6846



148.8760, 28.6551, 49.2207



136.0350, -60.1633, 23.6483



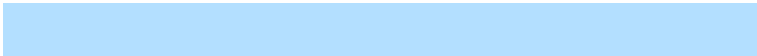
119.7180, -19.5810, -66.4047

Sweetspot

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



115.9460, 68.5536, -101.6846



213.4920, 20.4634, -30.2495



161.7690, -27.4941, -141.8714



102.5060, 12.5685, -17.9838



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.



115.9460, 68.5536, -101.6846



41.3970, 105.3063, -36.3052



120.5910, 3.6526, -4.9033



86.9310, 51.3060, -76.2385



29.0150, 17.2476, -25.4462

Inverse Universe

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



93.1170, 27.0573, 141.9714



213.6030, -105.3063, 36.3052



119.6850, 1.1413, 7.2923



69.7630, 20.3298, 106.3248



23.3540, 6.7275, 35.6465

Previews

White Background



This preview shows how the YUV color 115.9460, 68.5536, -101.6846 looks on a white background.

Color Contrast Check

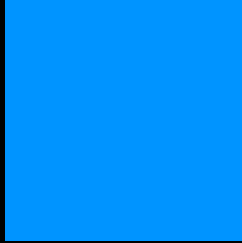
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.9460, 68.5536, -101.6846 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

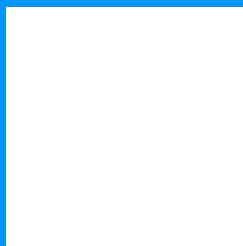
Any Text WCAG AAA × Fail

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

YUV 115.9460, 68.5536, -101.6846 Background



This preview shows how black text looks on a background with the YUV color 115.9460, 68.5536, -101.6846.



This preview shows how white text looks on a background with the YUV color 115.9460, 68.5536, -101.6846.

-101.6846.

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

115.9460, 68.5536, -101.6846

Protanopia

140.0420, 53.2233, -37.7478

Deuteranopia

128.2270, 62.4991, -72.9901



Tritanopia

113.4140, 28.3899, -99.4641

Trichromacy



Original Color

115.9460, 68.5536, -101.6846

Protanomaly

131.6800, 58.8248, -61.1094

Deuteranomaly

124.0300, 64.5682, -83.3413

Tritanomaly

114.6000, 43.0882, -100.5042

Monochromacy



Original Color

115.9460, 68.5536, -101.6846

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.3000, 24.9951, -37.0971

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.9460, 68.5536, -101.6846 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, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(0, 148, 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, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 148, 255) }
```

Border

The CSS property to change the border of an element to YUV 115.9460, 68.5536, -101.6846 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, 148, 255) }
```

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

```
.border{ border-color:rgb(0, 148, 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, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(0, 148,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 115.9460, 68.5536, -101.6846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 148, 255) }
```

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

```
.background{ background-color: rgb(0, 148,  
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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