

Converting Colors

YUV(117.8550, 63.1755,
-103.3588)

Have a look what the booklet for
YUV(117.8550, 63.1755, -103.3588)
contains.

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Color

**YUV(117.8550, 63.1755,
-103.3588)**

Conversions

Conversions Part 1

Format	Color
Hex	0099F6
RGB	0, 153, 246
RGB Percent	0%, 60%, 96%
CMY	1.0000, 0.4000, 0.0353
CMYK	1.00, 0.38, 0.00, 0.04
HSL	203°, 100%, 48%
HSV	203°, 100%, 96%
XYZ	28.0258, 29.4363, 91.3934
YIQ	117.8550, -121.0410, -3.5130

Conversions

Conversions Part 2

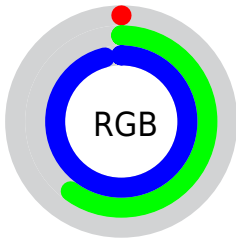
Format	Color
R _{YB}	0, 94, 246
Decimal	39414
CIE Lab	61.16, 0.19, -55.62
CIE LCh	61, 55.618, 270.194
Yxy	29.4363, 0.1883, 0.1978
Android (android.graphics.Color)	4278229494 (0xFF0099F6)
YUV	117.8550, 63.1755, -103.3588
Hunter-Lab	54.2552, -2.7416, -61.8959

Details

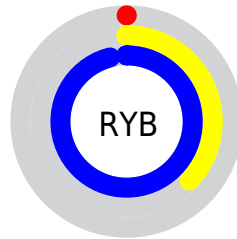
The YUV color **117.8550, 63.1755, -103.3588** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **128.1450, -63.1755, 103.3588**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4690, 35.2648, -64.4323**, and **82.0070, 52.7475, -71.9201** is the 20% darker color. If you saturate the color by 10%, you get **117.8550, 63.1755, -103.3588**, and if you desaturate by 10%, it is **130.6130, 56.8858, -92.6226**.

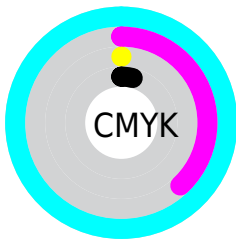
Distribution



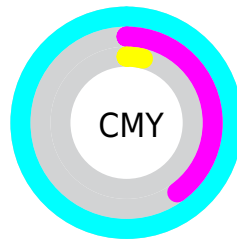
- Red (0%)
- Green (60%)
- Blue (96%)



- Red (0%)
- Yellow (37%)
- Blue (96%)



- Cyan (100%)
- Magenta (38%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (40%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.8550, 63.1755, -103.3588 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 117.8550, 63.1755, -103.3588 by changing the saturation by 10% instead.

■ 117.8550, 63.1755,
-103.3588

■ 117.8550, 63.1755,
-103.3588

255.0000, 0.0000,
0.0000

■ 99.2870, 58.0325,
-87.0747

■ 183.4690, 35.2648,
-64.4323

■ 82.0070, 52.7475,
-71.9201

■ 210.0710, 22.1500,
-57.9443

■ 64.8410, 47.8994,
-56.8656

■ 231.3790, 11.6452,
-48.5674

■ 48.8490, 42.4724,
-42.8406

■ 240.9470, 6.9281,
-28.8945

■ 34.1450, 36.9035,
-29.9452

■ 250.2160, 2.3585,
-9.8364

■ 18.3810, 32.3502,
-16.1201

■ 10.3620, 24.4715,

-9.0875

■ 5.3920, 15.5827,
-4.7288

■ 2.1830, 5.8258,
-1.9145

■ 117.8550, 63.1755,
-103.3588

■ 130.6130, 56.8858,
-92.6226

■ 143.6590, 50.4541,
-83.0159

■ 156.4170, 44.1644,
-72.2797

■ 168.8760, 38.0221,
-62.1583

■ 182.2210, 31.4430,
-51.9368

■ 194.9790, 25.1534,
-41.2006

■ 207.4380, 19.0111,
-31.0791

■ 220.1960, 12.7214,
-20.3429

■ 233.2420, 6.2897,
-10.7362

Harmonies

Analogous

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



123.3030, 53.5876, -108.1367



117.8550, 63.1755, -103.3588



150.3580, 40.7425, -1.1910

Triad

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



117.8550, 63.1755, -103.3588



145.7620, -22.0677, 78.2617



125.1080, -14.3502, -64.1157

Complementary

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



117.8550, 63.1755, -103.3588



128.1450, -63.1755, 103.3588

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.



136.7930, -39.8309, -11.2195



117.8550, 63.1755, -103.3588



145.0050, -40.9215, 58.7546

Square

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



117.8550, 63.1755, -103.3588



147.7120, 0.6350, 76.5516



141.8150, -49.7018, 28.2262



117.0210, 14.2866, -102.6274

Rectangle

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



117.8550, 63.1755, -103.3588



152.4890, 28.8459, 34.6511



141.8150, -49.7018, 28.2262



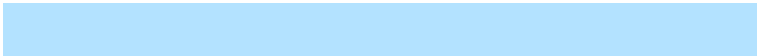
130.7210, -24.0195, -42.7283

Sweetspot

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



117.8550, 63.1755, -103.3588



215.2530, 19.5953, -31.7939



154.6620, -31.8784, -135.6386



103.6800, 11.9898, -19.0134



0.0000, 0.0000, 0.0000



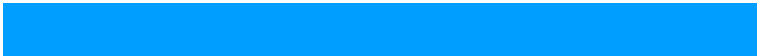
128.0000, 0.0000, 0.0000

Same Dimension

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



117.8550, 63.1755, -103.3588



122.4030, 65.3703, -107.3474



47.4150, 97.9024, -41.5830



116.0640, 2.9264, -5.3181



89.2960, 47.6751, -78.3126



27.8580, 15.3530, -24.4315

Inverse Universe

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



90.9960, 30.5680, 135.9385



94.3710, 31.8621, 140.8716



198.5850, -97.9024, 41.5830



114.5000, 1.7255, 6.5775



68.8380, 23.2509, 102.7511



21.7450, 7.0277, 32.6726

Previews

White Background



This preview shows how the YUV color 117.8550, 63.1755, -103.3588 looks on a white background.

Color Contrast Check

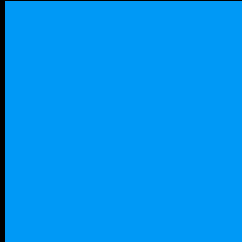
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.8550, 63.1755, -103.3588 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

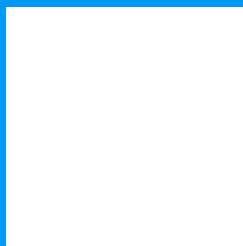
Any Text WCAG AAA × Fail

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

YUV 117.8550, 63.1755, -103.3588 Background



This preview shows how black text looks on a background with the YUV color 117.8550, 63.1755, -103.3588.



This preview shows how white text looks on a background with the YUV color 117.8550, 63.1755, -103.3588.

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

117.8550, 63.1755, -103.3588

Protanopia

144.4360, 45.6341, -30.2004

Deuteranopia

137.7580, 53.8563, -54.1618



Tritanopia

115.6310, 29.2689, -101.4084

Trichromacy



Original Color

117.8550, 63.1755, -103.3588

Protanomaly

134.5790, 51.9726, -56.6358

Deuteranomaly

130.5600, 57.4049, -72.4051

Tritanomaly

116.2470, 41.7832, -101.9486

Monochromacy



Original Color

117.8550, 63.1755, -103.3588

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.1320, 23.1059, -37.8268

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.8550, 63.1755, -103.3588 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, 153, 246)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 246)  
}
```

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, 153, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 246) }
```

Border

The CSS property to change the border of an element to YUV 117.8550, 63.1755, -103.3588 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, 153, 246) }
```


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

```
.border{ border-color:rgb(0, 153, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 246);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 117.8550, 63.1755, -103.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 246) }
```

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

```
.background{ background-color: rgb(0, 153,  
246) }
```

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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