

Converting Colors

YUV(108.8220, 66.6428,
-95.4369)

Have a look what the booklet for
YUV(108.8220, 66.6428, -95.4369)
contains.

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Color

**YUV(108.8220, 66.6428,
-95.4369)**

Conversions

Conversions Part 1

Format	Color
Hex	008AF4
RGB	0, 138, 244
RGB Percent	0%, 54%, 96%
CMY	1.0000, 0.4588, 0.0431
CMYK	1.00, 0.43, 0.00, 0.04
HSL	206°, 100%, 48%
HSV	206°, 100%, 96%
XYZ	25.4176, 24.7086, 89.0175
YIQ	108.8220, -116.2740, 3.7100

Conversions

Conversions Part 2

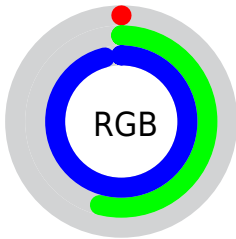
Format	Color
R _{YB}	0, 88, 244
Decimal	35572
CIE Lab	56.79, 8.38, -61.51
CIE LCh	57, 62.079, 277.759
Yxy	24.7086, 0.1827, 0.1776
Android (android.graphics.Color)	4278225652 (0xFF008AF4)
YUV	108.8220, 66.6428, -95.4369
Hunter-Lab	49.7078, 4.2858, -71.3822

Details

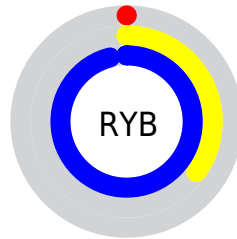
The YUV color **108.8220, 66.6428, -95.4369** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **135.1780, -66.6428, 95.4369**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.7780, 40.0424, -56.8103**, and **73.5610, 55.9254, -64.5130** is the 20% darker color. If you saturate the color by 10%, you get **108.8220, 66.6428, -95.4369**, and if you desaturate by 10%, it is **122.4550, 59.9217, -86.3450**.

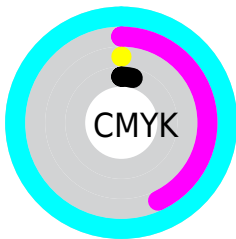
Distribution



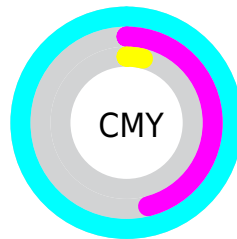
- Red (0%)
- Green (54%)
- Blue (96%)



- Red (0%)
- Yellow (35%)
- Blue (96%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (46%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.8220, 66.6428, -95.4369 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 108.8220, 66.6428, -95.4369 by changing the saturation by 10% instead.

■ 108.8220, 66.6428,
-95.4369

■ 108.8220, 66.6428,
-95.4369

255.0000, 0.0000,
0.0000

■ 90.8410, 61.2104,
-79.6676

■ 173.7780, 40.0424,
-56.8103

■ 73.5610, 55.9254,
-64.5130

■ 199.7930, 27.2171,
-49.8075

■ 57.4550, 50.0617,
-50.3880

■ 226.3840, 14.1077,
-45.0638

■ 42.1640, 44.7821,
-36.9778

■ 240.6480, 7.0755,
-29.5093

■ 28.0470, 38.9238,
-24.5972

■ 249.9170, 2.5059,
-10.4512

■ 15.8050, 32.6341,
-13.8610

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 108.8220, 66.6428,
-95.4369

■ 122.4550, 59.9217,
-86.3450

■ 135.8000, 53.3426,
-76.1236

■ 149.4330, 46.6215,
-67.0317

■ 162.7780, 40.0424,
-56.8103

■ 176.4110, 33.3214,
-47.7184

■ 190.0440, 26.6003,
-38.6266

■ 203.3890, 20.0212,
-28.4052

■ 217.0220, 13.3002,
-19.3133

■ 230.3670, 6.7211,
-9.0919

Harmonies

Analogous

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



116.7150, 58.8075, -102.3591



108.8220, 66.6428, -95.4369



139.4570, 40.6937, 14.5082

Triad

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



108.8220, 66.6428, -95.4369



131.3620, -28.7725, 82.1205



103.9350, -5.3910, -91.1510

Complementary

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



108.8220, 66.6428, -95.4369



135.1780, -66.6428, 95.4369

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.



120.9330, -38.9140, -25.3742



108.8220, 66.6428, -95.4369



130.6490, -51.0990, 56.4358

Square

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



108.8220, 66.6428, -95.4369



131.3500, -3.6235, 89.1471



125.8560, -62.0470, 21.1743



111.4930, 18.4910, -97.7794

Rectangle

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



108.8220, 66.6428, -95.4369



139.2460, 27.4867, 50.6503



125.8560, -62.0470, 21.1743



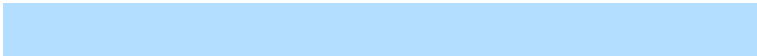
106.0910, -15.3279, -77.2558

Sweetspot

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



108.8220, 66.6428, -95.4369



212.9050, 20.7528, -29.7347



155.3120, -24.3108, -136.2086



102.5060, 12.5685, -17.9838



0.0000, 0.0000, 0.0000



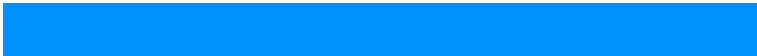
128.0000, 0.0000, 0.0000

Same Dimension

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



108.8220, 66.6428, -95.4369



113.5980, 69.7112, -99.6254



37.2080, 101.9485, -32.6314



115.4770, 3.2158, -4.8033



82.8390, 50.8584, -72.6498



26.0970, 16.2212, -22.8871

Inverse Universe

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



88.6880, 24.3108, 136.2086



92.6610, 25.3101, 142.3713



206.7920, -101.9485, 32.6314



114.3860, 1.2887, 6.6775



67.5840, 18.4461, 103.8508



21.4030, 5.7173, 32.9726

Previews

White Background



This preview shows how the YUV color 108.8220, 66.6428, -95.4369 looks on a white background.

Color Contrast Check

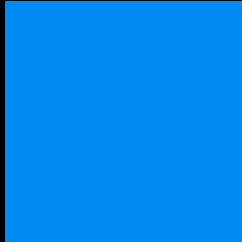
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.8220, 66.6428, -95.4369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

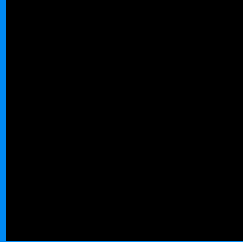
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.8220, 66.6428, -95.4369

Background



This preview shows how black text looks on a background with the YUV color 108.8220, 66.6428, -95.4369.



This preview shows how white text looks on a background with the YUV color 108.8220, 66.6428, -95.4369.

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



Protanopia

130.6290, 52.9339, -38.2626

Deuteranopia

113.6060, 64.2842, -85.6005

Tritanopia

106.9910, 26.6264, -93.8311

Trichromacy



Protanomaly

122.4630, 57.9457, -59.1651

Deuteranomaly

111.8120, 65.1687, -89.2891

Tritanomaly

107.4760, 41.1773, -94.2565

Monochromacy



Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.0830, 24.1161, -35.1528

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.8220, 66.6428, -95.4369 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, 138, 244)` looks like.

```
.text, #text, p{  
    color:rgb(0, 138, 244)  
}
```

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, 138, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 138, 244) }
```

Border

The CSS property to change the border of an element to YUV 108.8220, 66.6428, -95.4369 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, 138, 244) }
```

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

```
.border{ border-color:rgb(0, 138, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 138, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 138, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 138, 244);  
box-shadow:4px 4px 4px 4px rgb(0, 138,  
244) }
```


Background

The CSS property to change the background color of an element to YUV 108.8220, 66.6428, -95.4369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 138, 244) }
```

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

```
.background{ background-color: rgb(0, 138,  
244) }
```

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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