

Converting Colors

YUV(116.9260, 62.1545,
-102.5441)

Have a look what the booklet for
YUV(116.9260, 62.1545, -102.5441)
contains.

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Color

**YUV(116.9260, 62.1545,
-102.5441)**

Conversions

Conversions Part 1

Format	Color
Hex	0098F3
RGB	0, 152, 243
RGB Percent	0%, 60%, 95%
CMY	1.0000, 0.4039, 0.0471
CMYK	1.00, 0.37, 0.00, 0.05
HSL	202°, 100%, 48%
HSV	202°, 100%, 95%
XYZ	27.4059, 28.9275, 88.9331
YIQ	116.9260, -119.8030, -3.9230

Conversions

Conversions Part 2

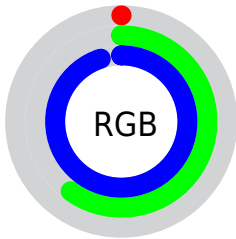
Format	Color
R _Y B	0, 94, 243
Decimal	39155
CIE Lab	60.72, -0.36, -54.68
CIE LCh	61, 54.682, 269.626
Yxy	28.9275, 0.1887, 0.1991
Android (android.graphics.Color)	4278229235 (0xFF0098F3)
YUV	116.9260, 62.1545, -102.5441
Hunter-Lab	53.7843, -3.1676, -60.3878

Details

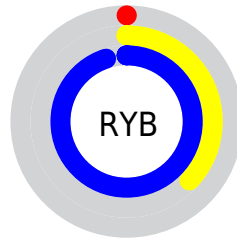
The YUV color **116.9260, 62.1545, -102.5441** is a dark color, and the websafe version is hex **0099FF**. The color can be described as middle saturated azure. A complement of this color would be **126.0740, -62.1545, 102.5441**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.5830, 35.7016, -64.5323**, and **81.0780, 51.7265, -71.1054** is the 20% darker color. If you saturate the color by 10%, you get **116.9260, 62.1545, -102.5441**, and if you desaturate by 10%, it is **129.3850, 56.0122, -92.4226**.

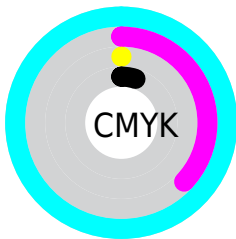
Distribution



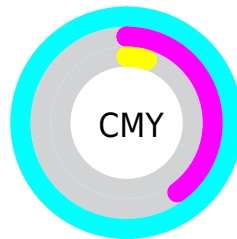
- Red (0%)
- Green (60%)
- Blue (95%)



- Red (0%)
- Yellow (37%)
- Blue (95%)



- Cyan (100%)
- Magenta (37%)
- Yellow (0%)
- Black (5%)



- Cyan (100%)
- Magenta (40%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.9260, 62.1545, -102.5441 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 116.9260, 62.1545, -102.5441 by changing the saturation by 10% instead.

■ 116.9260, 62.1545,
-102.5441

■ 116.9260, 62.1545,
-102.5441

255.0000, 0.0000,
0.0000

■ 98.3580, 57.0115,
-86.2600

■ 182.5830, 35.7016,
-64.5323

■ 81.0780, 51.7265,
-71.1054

■ 209.1850, 22.5868,
-58.0442

■ 63.9120, 46.8784,
-56.0508

■ 231.0800, 11.7926,
-49.1822

■ 47.9200, 41.4514,
-42.0258

■ 240.3490, 7.2229,
-30.1241

■ 33.2160, 35.8825,
-29.1304

■ 249.9170, 2.5059,
-10.4512

■ 16.9790, 32.0554,
-14.8906

■ 9.5470, 23.8873,

-8.3727

■ 5.1640, 14.7091,
-4.5288

■ 1.1400, 4.3680,
-0.9998

■ 116.9260, 62.1545,
-102.5441

■ 129.3850, 56.0122,
-92.4226

■ 142.1430, 49.7225,
-81.6864

■ 154.6020, 43.5802,
-71.5650

■ 167.0610, 37.4379,
-61.4435

■ 179.5200, 31.2956,
-51.3220

■ 192.8650, 24.7166,
-41.1006

■ 205.3240, 18.5743,
-30.9791

■ 217.7830, 12.4320,
-20.8577

■ 230.5410, 6.1423,
-10.1215

Harmonies

Analogous

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



122.3740, 52.5666, -107.3220



116.9260, 62.1545, -102.5441



148.6460, 40.6005, -2.3205

Triad

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



116.9260, 62.1545, -102.5441



144.3920, -20.8993, 76.8322



125.0160, -14.7979, -60.5270

Complementary

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



116.9260, 62.1545, -102.5441



126.0740, -62.1545, 102.5441

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.



136.6190, -39.2522, -10.1899



116.9260, 62.1545, -102.5441



143.9340, -39.9005, 57.9399

Square

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



116.9260, 62.1545, -102.5441



146.2280, 1.3666, 75.2220



141.0430, -48.8282, 28.0263



116.2060, 13.7024, -101.9127

Rectangle

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



116.9260, 62.1545, -102.5441



150.8910, 29.1407, 33.4216



141.0430, -48.8282, 28.0263



130.6180, -24.4617, -40.8840

Sweetspot

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



116.9260, 62.1545, -102.5441



215.2530, 19.5953, -31.7939



152.7870, -31.4470, -133.9942



103.6800, 11.9898, -19.0134



0.0000, 0.0000, 0.0000



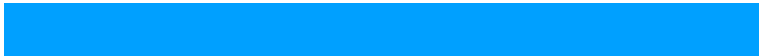
128.0000, 0.0000, 0.0000

Same Dimension

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



116.9260, 62.1545, -102.5441



122.9900, 65.0809, -107.8622



46.4860, 96.8814, -40.7682



116.0640, 2.9264, -5.3181



89.2960, 47.6751, -78.3126



28.4450, 15.0636, -24.9463

Inverse Universe

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



89.9850, 30.5734, 134.1942



94.4850, 32.2989, 140.7717



196.5140, -96.8814, 40.7682



114.5000, 1.7255, 6.5775



68.8380, 23.2509, 102.7511



21.8590, 7.4645, 32.5727

Previews

White Background



This preview shows how the YUV color 116.9260, 62.1545, -102.5441 looks on a white background.

Color Contrast Check

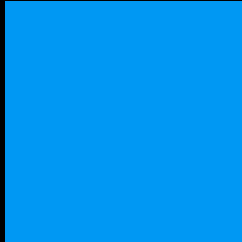
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.9260, 62.1545, -102.5441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

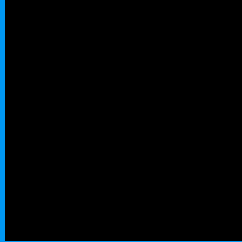
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

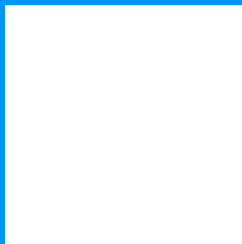
Any Text WCAG AAA × Fail

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

YUV 116.9260, 62.1545, -102.5441 Background



This preview shows how black text looks on a background with the YUV color 116.9260, 62.1545, -102.5441.

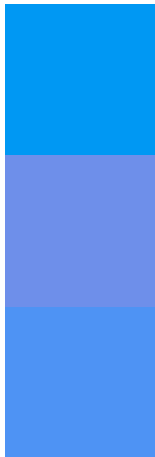


This preview shows how white text looks on a background with the YUV color 116.9260, 62.1545, -102.5441.

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

116.9260, 62.1545, -102.5441

Protanopia

143.5070, 44.6130, -29.3856

Deuteranopia

137.4270, 52.5405, -52.1175



Tritanopia

114.8160, 28.6847, -100.6936

Trichromacy



Original Color

116.9260, 62.1545, -102.5441

Protanomaly

133.6500, 50.9515, -55.8211

Deuteranomaly

130.2290, 56.0891, -70.3608

Tritanomaly

115.3180, 40.7622, -101.1339

Monochromacy



Original Color

116.9260, 62.1545, -102.5441

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.0180, 22.6691, -37.7268

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.9260, 62.1545, -102.5441 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, 152, 243)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 243)  
}
```

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, 152, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 243) }
```

Border

The CSS property to change the border of an element to YUV 116.9260, 62.1545, -102.5441 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, 152, 243) }
```


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

```
.border{ border-color:rgb(0, 152, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 152, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 243);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
243) }
```

Background

The CSS property to change the background color of an element to YUV 116.9260, 62.1545, -102.5441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 243) }
```

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

```
.background{ background-color: rgb(0, 152,  
243) }
```

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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