

Converting Colors

YUV(116.2420, 59.5337,
-101.9442)

Have a look what the booklet for
YUV(116.2420, 59.5337, -101.9442)
contains.

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Color

**YUV(116.2420, 59.5337,
-101.9442)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | 0098ED |
| RGB | 0, 152, 237 |
| RGB Percent | 0%, 60%, 93% |
| CMY | 1.0000, 0.4039, 0.0706 |
| CMYK | 1.00, 0.36, 0.00, 0.07 |
| HSL | 202°, 100%, 46% |
| HSV | 202°, 100%, 93% |
| XYZ | 26.5143, 28.5709, 84.2380 |
| YIQ | 116.2420, -117.8770, -5.7890 |

Conversions

Conversions Part 2

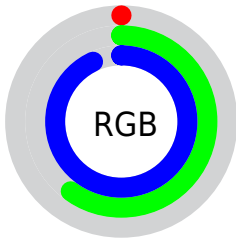
| Format | Color |
|-------------------------------------|---------------------------------|
| R _Y B | 0, 93, 237 |
| Decimal | 39149 |
| CIE Lab | 60.40, -2.61, -51.88 |
| CIE LCh | 60, 51.943, 267.116 |
| Yxy | 28.5709, 0.1903, 0.2051 |
| Android (android.graphics.Color) | 4278229229 (0xFF0098ED) |
| YUV | 116.2420, 59.5337, -101.9442 |
| Hunter-Lab | 53.4518, -4.9971, -56.0227 |

Details

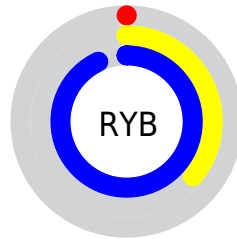
The YUV color **116.2420, 59.5337, -101.9442** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **120.7580, -59.5337, 101.9442**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2840, 35.8490, -65.1471**, and **80.5080, 49.5426, -70.6055** is the 20% darker color. If you saturate the color by 10%, you get **116.2420, 59.5337, -101.9442**, and if you desaturate by 10%, it is **128.7010, 53.3914, -91.8228**.

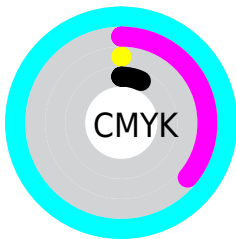
Distribution



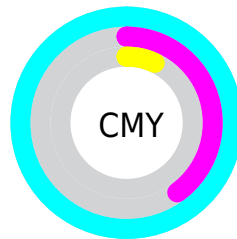
- Red (0%)
- Green (60%)
- Blue (93%)



- Red (0%)
- Yellow (36%)
- Blue (93%)



- Cyan (100%)
- Magenta (36%)
- Yellow (0%)
- Black (7%)



- Cyan (100%)
- Magenta (40%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2420, 59.5337, -101.9442 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 116.2420, 59.5337, -101.9442 by changing the saturation by 10% instead.

■ 116.2420, 59.5337,
-101.9442

■ 116.2420, 59.5337,
-101.9442

■ 255.0000, 0.0000,
0.0000

■ 97.6740, 54.3907,
-85.6601

■ 182.2840, 35.8490,
-65.1471

■ 80.5080, 49.5426,
-70.6055

■ 208.5870, 22.8816,
-59.2738

■ 63.2280, 44.2576,
-55.4510

■ 230.4820, 12.0874,
-50.4117

■ 47.3500, 39.2675,
-41.5260

■ 239.7510, 7.5178,
-31.3536

■ 32.0590, 33.9879,
-28.1157

■ 249.3190, 2.8007,
-11.6808

■ 15.8220, 30.1608,
-13.8759

■ 8.9770, 21.7033,

-7.8728

■ 4.7080, 12.9620,
-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 116.2420, 59.5337,
-101.9442

■ 128.7010, 53.3914,
-91.8228

■ 140.2740, 47.6859,
-81.8013

■ 152.7330, 41.5436,
-71.6798

■ 164.6050, 35.6907,
-61.0436

■ 176.7650, 29.6959,
-51.5369

■ 188.6370, 23.8430,
-40.9006

■ 201.0960, 17.7007,
-30.7792

■ 212.9680, 11.8478,
-20.1429

■ 224.5410, 6.1423,
-10.1215

Harmonies

Analogous

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



120.9890, 49.7984, -106.1074



116.2420, 59.5337, -101.9442



146.9830, 39.4484, -6.1241

Triad

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



116.2420, 59.5337, -101.9442



144.6520, -18.5624, 73.9732



127.6150, -16.5722, -51.4054

Complementary

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



116.2420, 59.5337, -101.9442



120.7580, -59.5337, 101.9442

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.



136.5810, -38.2474, -5.7715



116.2420, 59.5337, -101.9442



143.1450, -36.5535, 57.7548

Square

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



116.2420, 59.5337, -101.9442



146.5370, 2.6933, 69.6891



141.2650, -45.4866, 29.5856



114.5760, 12.5340, -100.4832

Rectangle

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



116.2420, 59.5337, -101.9442



150.3310, 28.4308, 27.7737



141.2650, -45.4866, 29.5856



132.0210, -25.6464, -34.2214

Sweetspot

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



116.2420, 59.5337, -101.9442



216.4270, 19.0165, -32.8235



148.5810, -32.3314, -130.3055



104.2670, 11.7004, -19.5282



0.0000, 0.0000, 0.0000



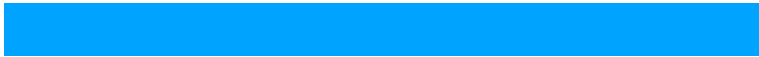
128.0000, 0.0000, 0.0000

Same Dimension

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



116.2420, 59.5337, -101.9442



125.3380, 63.9234, -109.9214



48.1500, 93.1030, -42.2276



111.3630, 2.7790, -4.7034



88.7260, 45.4911, -77.8127



26.1140, 13.7478, -22.9020

Inverse Universe

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



88.1910, 31.4578, 130.5055



94.9410, 34.0461, 140.3717



188.8500, -93.1030, 42.2276



110.0870, 1.4361, 6.0627



67.3430, 23.9879, 99.6772



20.0220, 6.8912, 29.7987

Previews

White Background



This preview shows how the YUV color 116.2420, 59.5337, -101.9442 looks on a white background.

Color Contrast Check

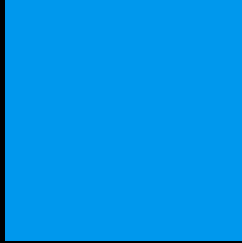
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.2420, 59.5337, -101.9442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

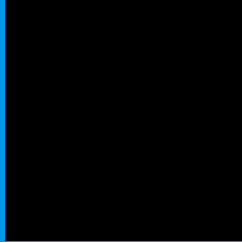
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

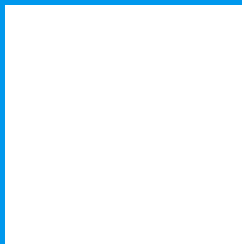
Any Text WCAG AAA × Fail

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

YUV 116.2420, 59.5337, -101.9442 Background



This preview shows how black text looks on a background with the YUV color 116.2420, 59.5337, -101.9442.

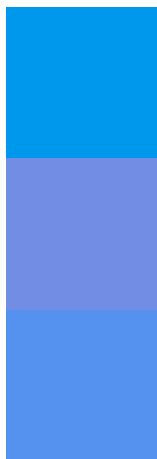


This preview shows how white text looks on a background with the YUV color 116.2420, 59.5337, -101.9442.

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

116.2420, 59.5337, -101.9442

Protanopia

143.1330, 41.8394, -26.4266

Deuteranopia

138.3630, 49.6140, -46.7994



Tritanopia

114.1150, 28.5373, -100.0789

Trichromacy



Original Color

116.2420, 59.5337, -101.9442

Protanomaly

133.5640, 48.0359, -53.9916

Deuteranomaly

130.1540, 53.1681, -66.7871

Tritanomaly

115.0900, 39.8886, -100.9339

Monochromacy



Original Color

116.2420, 59.5337, -101.9442

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

116.0890, 21.6481, -36.9121

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2420, 59.5337, -101.9442 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, 237)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 237)  
}
```

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, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 237) }
```

Border

The CSS property to change the border of an element to YUV 116.2420, 59.5337, -101.9442 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, 237) }
```


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

```
.border{ border-color:rgb(0, 152, 237) }
```

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, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 237);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 116.2420, 59.5337, -101.9442 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, 237) }
```

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

```
.background{ background-color: rgb(0, 152,  
237) }
```

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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