

Converting Colors

YUV(113.4600, 38.7202,
-99.5044)

Have a look what the booklet for
YUV(113.4600, 38.7202, -99.5044)
contains.

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Color

**YUV(113.4600, 38.7202,
-99.5044)**

Conversions

Conversions Part 1

Format	Color
Hex	009CC0
RGB	0, 156, 192
RGB Percent	0%, 61%, 75%
CMY	1.0000, 0.3882, 0.2471
CMYK	1.00, 0.19, 0.00, 0.25
HSL	191°, 100%, 38%
HSV	191°, 100%, 75%
XYZ	21.4029, 27.5827, 54.0651
YIQ	113.4600, -104.5320, -21.8760

Conversions

Conversions Part 2

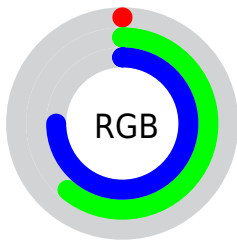
Format	Color
RYB	0, 86, 192
Decimal	40128
CIELab	59.51, -21.28, -28.18
CIELCh	60, 35.316, 232.944
Yxy	27.5827, 0.2077, 0.2677
Android (android.graphics.Color)	4278230208 (0xFF009CC0)
YUV	113.4600, 38.7202, -99.5044
Hunter-Lab	52.5192, -19.1655, -24.2717

Details

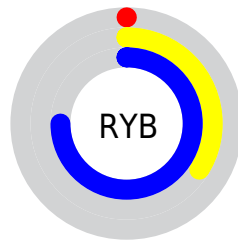
The YUV color **113.4600, 38.7202, -99.5044** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **78.5400, -38.7202, 99.5044**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.5450, 33.2553, -73.2690**, and **77.3670, 29.8921, -67.8509** is the 20% darker color. If you saturate the color by 10%, you get **113.4600, 38.7202, -99.5044**, and if you desaturate by 10%, it is **121.4890, 34.7619, -89.8829**.

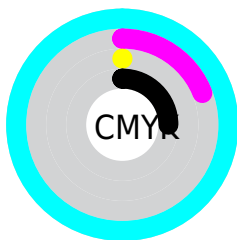
Distribution



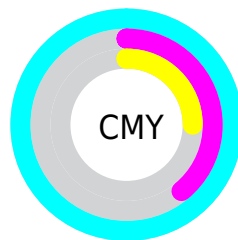
- Red (0%)
- Green (61%)
- Blue (75%)



- Red (0%)
- Yellow (34%)
- Blue (75%)



- Cyan (100%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (39%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 113.4600, 38.7202, -99.5044 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 113.4600, 38.7202, -99.5044 by changing the saturation by 10% instead.

■ 113.4600, 38.7202,
-99.5044

■ 113.4600, 38.7202,
-99.5044

■ 255.0000, 0.0000,
0.0000

■ 95.1200, 34.4508,
-83.4202

■ 181.5450, 33.2553,
-73.2690

■ 77.3670, 29.8921,
-67.8509

■ 207.9340, 23.2035,
-69.2251

■ 59.8420, 26.2069,
-52.4814

■ 226.5950, 14.0037,
-58.4038

■ 43.4910, 21.9429,
-38.1416

■ 235.8640, 9.4340,
-39.3457

■ 28.5420, 17.9738,
-25.0313

■ 244.8340, 5.0118,
-20.9024

■ 6.6630, 17.9141,
-5.8435

■ 254.1030, 0.4422,

■ 2.9810, 8.8834,

-1.8443

-2.6143

■ 0.0000, 0.0000,
0.0000

■ 113.4600, 38.7202,
-99.5044

■ 121.4890, 34.7619,
-89.8829

■ 128.9310, 31.0930,
-79.7465

■ 137.2590, 26.9873,
-69.5101

■ 144.7010, 23.3184,
-59.3738

■ 152.7300, 19.3601,
-49.7522

■ 160.7590, 15.4018,
-40.1306

■ 168.2010, 11.7329,
-29.9943

■ 176.5290, 7.6272,
-19.7579

■ 183.9710, 3.9583,
-9.6216

Harmonies

Analogous

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



112.2570, 26.4953, -98.4494



113.4600, 38.7202, -99.5044



135.5360, 33.7528, -46.0741

Triad

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



113.4600, 38.7202, -99.5044



146.3830, 2.7692, 45.2681



138.7140, -26.4810, 0.2508

Complementary

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



113.4600, 38.7202, -99.5044



78.5400, -38.7202, 99.5044

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.



141.6570, -29.9039, 24.8568



113.4600, 38.7202, -99.5044



144.9310, -11.7980, 50.9265

Square

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



113.4600, 38.7202, -99.5044



147.5080, 16.5116, 24.1105



143.6730, -23.9958, 43.2598



134.3390, -14.4641, -27.4843

Rectangle

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



113.4600, 38.7202, -99.5044



142.4900, 30.3244, -19.7237



143.6730, -23.9958, 43.2598



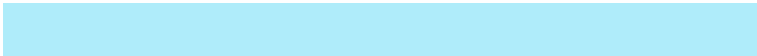
139.9000, -28.5447, 8.8577

Sweetspot

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



113.4600, 38.7202, -99.5044



219.3570, 15.1070, -38.9011



116.6940, -40.2751, -102.3406



106.8490, 8.9484, -23.5466



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



113.4600, 38.7202, -99.5044



147.6610, 50.4531, -129.4987



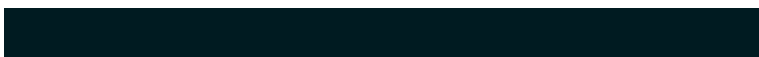
57.6950, 66.2124, -50.5985



92.8360, 2.0529, -5.1182



95.2510, 32.4143, -83.5351



19.6110, 6.6008, -17.1988

Inverse Universe

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



75.1920, 39.8383, 102.4406



97.8920, 51.8182, 133.3987



134.3050, -66.2124, 50.5985



90.9020, 2.0203, 5.3479



63.0730, 33.4880, 85.8820



12.9450, 6.9291, 17.5882

Previews

White Background



This preview shows how the YUV color 113.4600, 38.7202, -99.5044 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 113.4600, 38.7202, -99.5044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

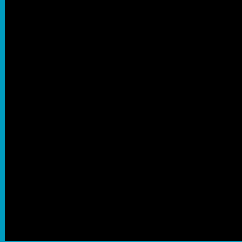
Any Text WCAG AA ✓ Pass

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 113.4600, 38.7202, -99.5044 Background



This preview shows how black text looks on a background with the YUV color 113.4600, 38.7202, -99.5044.

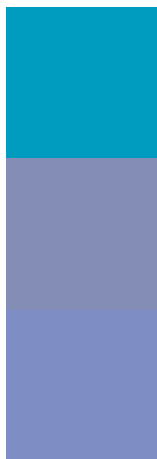


This preview shows how white text looks on a background with the YUV color 113.4600, 38.7202, -99.5044.

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

113.4600, 38.7202, -99.5044

Protanopia

142.8690, 18.7986, -9.5321

Deuteranopia

142.7850, 26.2350, -14.7204



Tritanopia

112.8270, 28.6793, -98.9493

Trichromacy



Original Color

113.4600, 38.7202, -99.5044

Protanomaly

131.9080, 26.1744, -42.0153

Deuteranomaly

131.8520, 31.1320, -45.4742

Tritanomaly

113.1520, 32.4631, -99.2343

Monochromacy



Original Color

113.4600, 38.7202, -99.5044

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

113.4390, 14.0806, -36.3420

CSS Examples

Text

The CSS property to change the color of the text to YUV 113.4600, 38.7202, -99.5044 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, 156, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 192)  
}
```

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, 156, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 192) }
```

Border

The CSS property to change the border of an element to YUV 113.4600, 38.7202, -99.5044 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, 156, 192) }
```


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

```
.border{ border-color:rgb(0, 156, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 156, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 113.4600, 38.7202, -99.5044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 192) }
```

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

```
.background{ background-color: rgb(0, 156,  
192) }
```

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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