

Converting Colors

YUV(112.1720, 38.8622,
-98.3748)

Have a look what the booklet for
YUV(112.1720, 38.8622, -98.3748)
contains.

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Color

**YUV(112.1720, 38.8622,
-98.3748)**

Conversions

Conversions Part 1

Format	Color
Hex	009ABF
RGB	0, 154, 191
RGB Percent	0%, 60%, 75%
CMY	1.0000, 0.3961, 0.2510
CMYK	1.00, 0.19, 0.00, 0.25
HSL	192°, 100%, 37%
HSV	192°, 100%, 75%
XYZ	20.9596, 26.8728, 53.3725
YIQ	112.1720, -103.6610, -21.1410

Conversions

Conversions Part 2

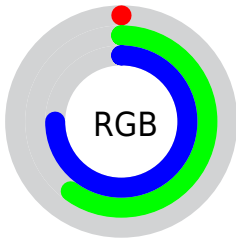
Format	Color
RYB	0, 85, 191
Decimal	39615
CIELab	58.86, -20.58, -28.63
CIELCh	59, 35.260, 234.292
Yxy	26.8728, 0.2071, 0.2655
Android (android.graphics.Color)	4278229695 (0xFF009ABF)
YUV	112.1720, 38.8622, -98.3748
Hunter-Lab	51.8390, -18.5470, -24.7567

Details

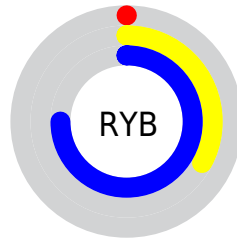
The YUV color **112.1720, 38.8622, -98.3748** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **78.8280, -38.8622, 98.3748**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8440, 33.1079, -72.6542**, and **76.0790, 30.0341, -66.7213** is the 20% darker color. If you saturate the color by 10%, you get **112.1720, 38.8622, -98.3748**, and if you desaturate by 10%, it is **120.2010, 34.9039, -88.7533**.

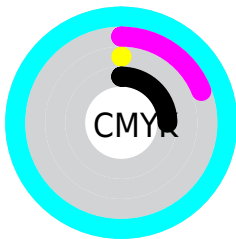
Distribution



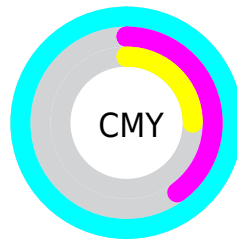
- Red (0%)
- Green (60%)
- Blue (75%)



- Red (0%)
- Yellow (33%)
- Blue (75%)



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



- Cyan (100%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 112.1720, 38.8622, -98.3748 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 112.1720, 38.8622, -98.3748 by changing the saturation by 10% instead.

■ 112.1720, 38.8622,
-98.3748

■ 112.1720, 38.8622,
-98.3748

■ 255.0000, 0.0000,
0.0000

■ 93.8320, 34.5928,
-82.2907

■ 179.8440, 33.1079,
-72.6542

■ 76.0790, 30.0341,
-66.7213

■ 206.7600, 23.7823,
-68.1955

■ 59.1410, 26.0595,
-51.8667

■ 226.5950, 14.0037,
-58.4038

■ 42.2030, 22.0849,
-37.0120

■ 235.5650, 9.5815,
-39.9605

■ 27.2540, 18.1158,
-23.9018

■ 244.8340, 5.0118,
-20.9024

■ 6.5490, 17.4773,
-5.7435

■ 253.8040, 0.5896,

■ 2.8670, 8.4466,

-2.4591

-2.5144

■ 0.0000, 0.0000,
0.0000

■ 112.1720, 38.8622,
-98.3748

■ 120.2010, 34.9039,
-88.7533

■ 127.6430, 31.2350,
-78.6169

■ 135.6720, 27.2767,
-68.9953

■ 143.7010, 23.3184,
-59.3738

■ 151.4420, 19.5021,
-48.6226

■ 159.4710, 15.5438,
-39.0011

■ 167.5000, 11.5855,
-29.3795

■ 175.5290, 7.6272,
-19.7579

■ 182.9710, 3.9583,
-9.6216

Harmonies

Analogous

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



111.6700, 26.7847, -97.9346



112.1720, 38.8622, -98.3748



133.9600, 34.0367, -43.8149

Triad

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



112.1720, 38.8622, -98.3748



145.1550, 1.8956, 45.4681



136.5290, -25.8968, -0.4639

Complementary

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



112.1720, 38.8622, -98.3748



78.8280, -38.8622, 98.3748

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.



140.0590, -29.6091, 23.6273



112.1720, 38.8622, -98.3748



143.4040, -12.5242, 50.5117

Square

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



112.1720, 38.8622, -98.3748



145.9920, 15.7799, 25.4400



141.8470, -24.5746, 42.2302



132.1540, -13.8799, -28.1991

Rectangle

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



112.1720, 38.8622, -98.3748



140.9740, 29.5928, -18.3942



141.8470, -24.5746, 42.2302



137.6010, -28.3973, 8.2429

Sweetspot

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



112.1720, 38.8622, -98.3748



216.6560, 14.9596, -38.2863



116.1070, -39.9858, -101.8258



106.2620, 9.2378, -23.0318



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.



112.1720, 38.8622, -98.3748



144.9710, 50.3003, -127.1396



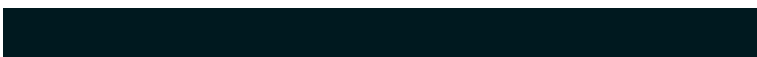
56.9940, 66.0650, -49.9837



90.7220, 1.6161, -5.0182



92.5610, 32.2614, -81.1760



18.2090, 6.3060, -15.9693

Inverse Universe

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



74.6650, 39.1122, 102.0258



96.5390, 50.5133, 131.9543



134.0060, -66.0650, 49.9837



88.6030, 2.1677, 4.7332



61.7200, 32.1830, 84.4376



12.1190, 6.3503, 16.5586

Previews

White Background



This preview shows how the YUV color 112.1720, 38.8622, -98.3748 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 112.1720, 38.8622, -98.3748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

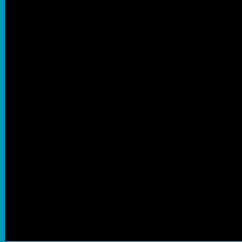
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 112.1720, 38.8622, -98.3748

Background



This preview shows how black text looks on a background with the YUV color 112.1720, 38.8622, -98.3748.

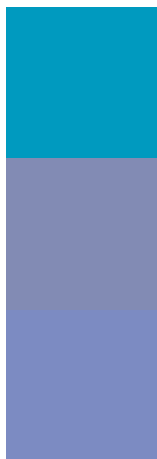


This preview shows how white text looks on a background with the YUV color 112.1720, 38.8622, -98.3748.

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

112.1720, 38.8622, -98.3748

Protanopia

140.9830, 19.2354, -9.6321

Deuteranopia

140.7850, 26.2350, -14.7204



Tritanopia

111.4250, 28.3845, -97.7197

Trichromacy



Original Color

112.1720, 38.8622, -98.3748

Protanomaly

130.3210, 26.4637, -41.5005

Deuteranomaly

130.1510, 30.9846, -44.8594

Tritanomaly

111.7500, 32.1683, -98.0047

Monochromacy



Original Color

112.1720, 38.8622, -98.3748

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.8520, 14.3700, -35.8272

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.1720, 38.8622, -98.3748 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, 154, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 154, 191)  
}
```

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, 154, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 154, 191) }
```

Border

The CSS property to change the border of an element to YUV 112.1720, 38.8622, -98.3748 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, 154, 191) }
```


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

```
.border{ border-color:rgb(0, 154, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 154, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 154, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 154, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 154,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 112.1720, 38.8622, -98.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 154, 191) }
```

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

```
.background{ background-color: rgb(0, 154,  
191) }
```

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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