

Converting Colors

YUV(119.9000, 38.0103,
-105.1523)

Have a look what the booklet for
YUV(119.9000, 38.0103, -105.1523)
contains.

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Color

**YUV(119.9000, 38.0103,
-105.1523)**

Conversions

Conversions Part 1

Format	Color
Hex	00A6C5
RGB	0, 166, 197
RGB Percent	0%, 65%, 77%
CMY	1.0000, 0.3490, 0.2275
CMYK	1.00, 0.16, 0.00, 0.23
HSL	189°, 100%, 39%
HSV	189°, 100%, 77%
XYZ	23.7143, 31.3037, 57.6157
YIQ	119.9000, -108.8870, -25.5510

Conversions

Conversions Part 2

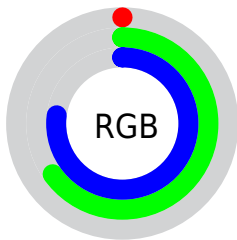
Format	Color
RYB	0, 90, 197
Decimal	42693
CIELab	62.76, -24.73, -25.97
CIElCh	63, 35.857, 226.404
Yxy	31.3037, 0.2105, 0.2779
Android (android.graphics.Color)	4278232773 (0xFF00A6C5)
YUV	119.9000, 38.0103, -105.1523
Hunter-Lab	55.9497, -22.2547, -21.8907

Details

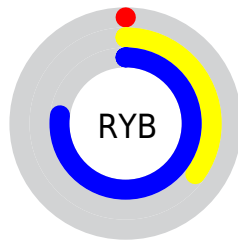
The YUV color **119.9000, 38.0103, -105.1523** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **77.1000, -38.0103, 105.1523**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.5830, 32.2506, -77.6873**, and **83.2200, 29.4715, -72.9839** is the 20% darker color. If you saturate the color by 10%, you get **119.9000, 38.0103, -105.1523**, and if you desaturate by 10%, it is **127.6410, 34.1940, -94.4012**.

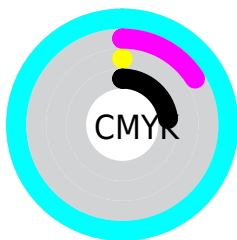
Distribution



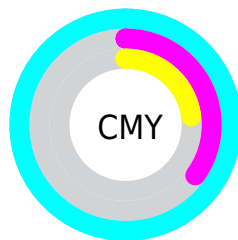
- Red (0%)
- Green (65%)
- Blue (77%)



- Red (0%)
- Yellow (35%)
- Blue (77%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (23%)



- Cyan (100%)
- Magenta (35%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.9000, 38.0103, -105.1523 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 119.9000, 38.0103, -105.1523 by changing the saturation by 10% instead.

■ 119.9000, 38.0103,
-105.1523

■ 119.9000, 38.0103,
-105.1523

255.0000, 0.0000,
0.0000

■ 100.9730, 34.0303,
-88.5533

■ 188.5830, 32.2506,
-77.6873

■ 83.2200, 29.4715,
-72.9839

■ 215.2880, 19.5780,
-73.0436

■ 65.5810, 25.3496,
-57.5145

■ 227.4920, 13.5614,
-56.5595

■ 48.7570, 21.8118,
-42.7599

■ 236.7610, 8.9918,
-37.5014

■ 33.1070, 17.6952,
-29.0348

■ 245.7310, 4.5696,
-19.0581

■ 17.0980, 14.7417,
-14.9949

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,
0.0000

■ 119.9000, 38.0103,
-105.1523

■ 127.6410, 34.1940,
-94.4012

■ 135.0830, 30.5251,
-84.2648

■ 142.8240, 26.7088,
-73.5136

■ 150.5650, 22.8925,
-62.7625

■ 158.8930, 18.7868,
-52.5262

■ 166.3350, 15.1178,
-42.3898

■ 174.0760, 11.3015,
-31.6387

■ 181.8170, 7.4852,
-20.8875

■ 189.2590, 3.8163,
-10.7511

Harmonies

Analogous

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



124.7480, 21.8162, -90.9870



119.9000, 38.0103, -105.1523



140.9370, 35.5271, -55.1957

Triad

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



119.9000, 38.0103, -105.1523



155.5830, 6.1216, 43.3387



147.5900, -28.3919, 6.4986

Complementary

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



119.9000, 38.0103, -105.1523



77.1000, -38.0103, 105.1523

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.



150.6900, -29.9202, 30.0899



119.9000, 38.0103, -105.1523



153.9250, -9.3300, 52.6858

Square

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



119.9000, 38.0103, -105.1523



155.6860, 19.8748, 18.6924



152.4500, -22.4069, 46.9633



143.4600, -17.9748, -21.4514

Rectangle

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



119.9000, 38.0103, -105.1523



149.0050, 32.5355, -28.9454



152.4500, -22.4069, 46.9633



148.8900, -30.0188, 15.0055

Sweetspot

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



119.9000, 38.0103, -105.1523



225.2320, 14.6756, -40.5455



119.0590, -43.9061, -104.4147



109.5500, 9.0959, -24.1613



0.0000, 0.0000, 0.0000



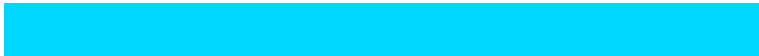
128.0000, 0.0000, 0.0000

Same Dimension

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



119.9000, 38.0103, -105.1523



155.2750, 49.1644, -136.1762



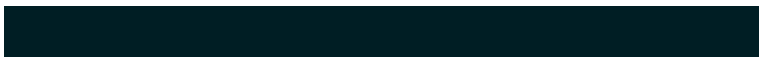
62.9610, 66.0812, -55.2168



95.7220, 1.6161, -5.0182



99.5880, 31.2621, -87.3387



21.7140, 7.0430, -19.0432

Inverse Universe

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



77.8270, 43.4693, 104.5147



100.7550, 56.3228, 135.2729



134.0390, -66.0812, 55.2168



93.6030, 2.1677, 4.7332



64.4690, 36.2508, 86.4117



14.1840, 7.7973, 19.1326

Previews

White Background



This preview shows how the YUV color 119.9000, 38.0103, -105.1523 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 119.9000, 38.0103, -105.1523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

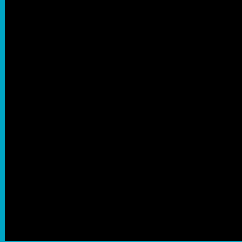
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 119.9000, 38.0103, -105.1523 Background



This preview shows how black text looks on a background with the YUV color 119.9000, 38.0103, -105.1523.

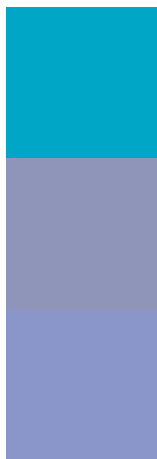


This preview shows how white text looks on a background with the YUV color 119.9000, 38.0103, -105.1523.

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

119.9000, 38.0103, -105.1523

Protanopia

151.3100, 16.6092, -7.2879

Deuteranopia

151.6390, 24.3350, -11.9614



Tritanopia

119.2500, 30.4428, -104.5823

Trichromacy



Original Color

119.9000, 38.0103, -105.1523

Protanomaly

139.7400, 24.2852, -42.7450

Deuteranomaly

140.0970, 29.5322, -45.6891

Tritanomaly

119.3470, 33.3529, -104.6673

Monochromacy



Original Color

119.9000, 38.0103, -105.1523

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

120.0150, 13.7966, -38.6012

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.9000, 38.0103, -105.1523 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, 166, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 166, 197)  
}
```

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, 166, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 166, 197) }
```

Border

The CSS property to change the border of an element to YUV 119.9000, 38.0103, -105.1523 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, 166, 197) }
```


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

```
.border{ border-color:rgb(0, 166, 197) }
```

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

Here you see how a box with a 4 pixel rgb(0, 166, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 166, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 166, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 166,  
197) }
```

Background

The CSS property to change the background color of an element to YUV 119.9000, 38.0103, -105.1523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 166, 197) }
```

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

```
.background{ background-color: rgb(0, 166,  
197) }
```

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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