

Converting Colors

YUV(111.3910, 33.3312,
-97.6899)

Have a look what the booklet for
YUV(111.3910, 33.3312, -97.6899)
contains.

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Color

**YUV(111.3910, 33.3312,
-97.6899)**

Conversions

Conversions Part 1

Format	Color
Hex	009BB3
RGB	0, 155, 179
RGB Percent	0%, 61%, 70%
CMY	1.0000, 0.3922, 0.2980
CMYK	1.00, 0.13, 0.00, 0.30
HSL	188°, 100%, 35%
HSV	188°, 100%, 70%
XYZ	19.8580, 26.6974, 46.7543
YIQ	111.3910, -100.0840, -25.3960

Conversions

Conversions Part 2

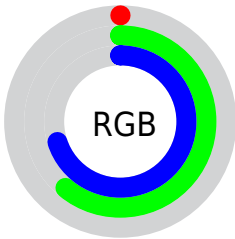
Format	Color
RYB	0, 83, 179
Decimal	39859
CIELab	58.69, -25.26, -22.11
CIELCh	59, 33.569, 221.186
Yxy	26.6974, 0.2128, 0.2861
Android (android.graphics.Color)	4278229939 (0xFF009BB3)
YUV	111.3910, 33.3312, -97.6899
Hunter-Lab	51.6695, -21.8191, -17.4812

Details

The YUV color **111.3910, 33.3312, -97.6899** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **67.6090, -33.3312, 97.6899**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.4650, 27.8718, -73.1988**, and **74.8250, 25.2293, -65.6215** is the 20% darker color. If you saturate the color by 10%, you get **111.3910, 33.3312, -97.6899**, and if you desaturate by 10%, it is **117.9470, 30.0991, -87.6535**.

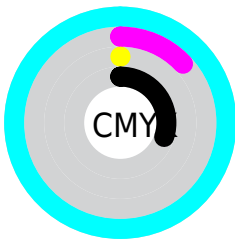
Distribution



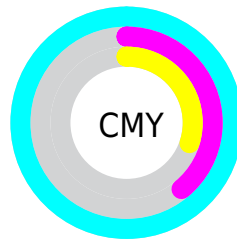
- Red (0%)
- Green (61%)
- Blue (70%)



- Red (0%)
- Yellow (33%)
- Blue (70%)



- Cyan (100%)
- Magenta (13%)
- Yellow (0%)
- Black (30%)



- Cyan (100%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.3910, 33.3312, -97.6899 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 111.3910, 33.3312, -97.6899 by changing the saturation by 10% instead.

■ 111.3910, 33.3312,
-97.6899

■ 111.3910, 33.3312,
-97.6899

■ 255.0000, 0.0000,
0.0000

■ 93.0510, 29.0619,
-81.6057

■ 178.4650, 27.8718,
-73.1988

■ 74.8250, 25.2293,
-65.6215

■ 206.7490, 23.7877,
-69.9399

■ 57.8870, 21.2547,
-50.7669

■ 225.6980, 14.4459,
-60.2481

■ 41.6500, 17.4276,
-36.5270

■ 234.6680, 10.0237,
-41.8048

■ 26.7010, 13.4584,
-23.4168

■ 243.6380, 5.6015,
-23.3615

■ 4.9360, 13.8356,
-4.3289

■ 252.9070, 1.0318,

■ 0.6840, 2.6208,

-4.3034

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 111.3910, 33.3312,
-97.6899

■ 117.9470, 30.0991,
-87.6535

■ 125.0900, 26.5776,
-78.1319

■ 131.6460, 23.3455,
-68.0955

■ 138.7890, 19.8240,
-58.5740

■ 145.3450, 16.5919,
-48.5376

■ 151.6020, 13.5072,
-39.1160

■ 158.7450, 9.9857,
-29.5944

■ 165.3010, 6.7536,
-19.5580

■ 172.4440, 3.2321,
-10.0364

Harmonies

Analogous

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



119.9520, 15.7997, -74.5029



111.3910, 33.3312, -97.6899



128.9430, 33.0591, -56.9550

Triad

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



111.3910, 33.3312, -97.6899



145.2940, 7.7431, 36.5762



138.2530, -27.2397, 10.3021

Complementary

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



111.3910, 33.3312, -97.6899



67.6090, -33.3312, 97.6899

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.



140.4990, -26.8680, 31.1344



111.3910, 33.3312, -97.6899



143.4020, -6.1142, 47.8824

Square

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



111.3910, 33.3312, -97.6899



145.0550, 20.1859, 12.2298



142.0630, -18.7651, 45.5487



134.5640, -19.0121, -15.4036

Rectangle

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



111.3910, 33.3312, -97.6899



137.2280, 30.9466, -32.6490



142.0630, -18.7651, 45.5487



139.0690, -28.1350, 17.4795

Sweetspot

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



111.3910, 33.3312, -97.6899



205.7870, 12.9230, -38.4012



107.8090, -41.3178, -94.5485



101.5070, 7.6380, -23.2466



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



111.3910, 33.3312, -97.6899



144.4350, 43.1695, -126.6695



59.1480, 59.0870, -51.8728



85.7220, 1.6161, -5.0182



94.9260, 28.6305, -83.2501



15.8780, 4.9901, -13.9250

Inverse Universe

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



71.1910, 41.3178, 94.5485



92.2820, 53.5980, 122.5327



119.8520, -59.0870, 51.8728



83.6030, 2.1677, 4.7332



60.7950, 35.1041, 80.8638



10.2820, 5.7770, 13.7847

Previews

White Background



This preview shows how the YUV color 111.3910, 33.3312, -97.6899 looks on a white background.

Color Contrast Check

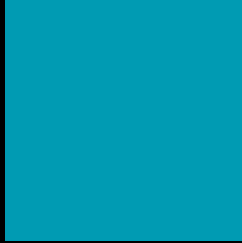
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.3910, 33.3312, -97.6899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

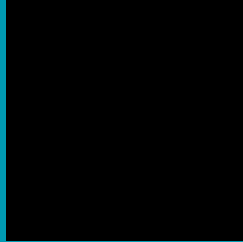
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.3910, 33.3312, -97.6899

Background



This preview shows how black text looks on a background with the YUV color 111.3910, 33.3312, -97.6899.

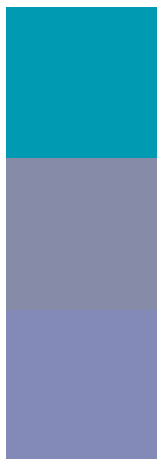


This preview shows how white text looks on a background with the YUV color 111.3910, 33.3312, -97.6899.

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

111.3910, 33.3312, -97.6899

Protanopia

140.8110, 13.4042, -5.9732

Deuteranopia

141.0370, 20.6878, -8.8024



Tritanopia

110.8380, 28.6739, -97.2049

Trichromacy



Original Color

111.3910, 33.3312, -97.6899

Protanomaly

130.1380, 20.6380, -39.5860

Deuteranomaly

130.0930, 25.5902, -41.3006

Tritanomaly

111.2940, 30.4211, -97.6048

Monochromacy



Original Color

111.3910, 33.3312, -97.6899

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.2820, 12.1860, -35.3273

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.3910, 33.3312, -97.6899 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, 155, 179)` looks like.

```
.text, #text, p{  
    color:rgb(0, 155, 179)  
}
```

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, 155, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 155, 179) }
```

Border

The CSS property to change the border of an element to YUV 111.3910, 33.3312, -97.6899 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, 155, 179) }
```


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

```
.border{ border-color:rgb(0, 155, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 155, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 155, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 155, 179);  
box-shadow:4px 4px 4px 4px rgb(0, 155,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 111.3910, 33.3312, -97.6899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 155, 179) }
```

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

```
.background{ background-color: rgb(0, 155,  
179) }
```

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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