

Converting Colors

YUV(111.5560, 26.3479,
-97.8346)

Have a look what the booklet for
YUV(111.5560, 26.3479, -97.8346)
contains.

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Color

**YUV(111.5560, 26.3479,
-97.8346)**

Conversions

Conversions Part 1

Format	Color
Hex	009EA5
RGB	0, 158, 165
RGB Percent	0%, 62%, 65%
CMY	1.0000, 0.3804, 0.3529
CMYK	1.00, 0.04, 0.00, 0.35
HSL	183°, 100%, 32%
HSV	183°, 100%, 65%
XYZ	19.0184, 27.1703, 39.8393
YIQ	111.5560, -96.4150, -31.3190

Conversions

Conversions Part 2

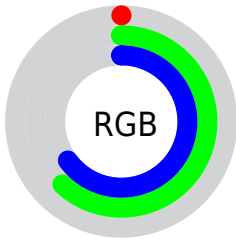
Format	Color
RYB	0, 81, 165
Decimal	40613
CIELab	59.13, -31.40, -13.51
CIELCh	59, 34.179, 203.283
Yxy	27.1703, 0.2211, 0.3158
Android (android.graphics.Color)	4278230693 (0xFF009EA5)
YUV	111.5560, 26.3479, -97.8346
Hunter-Lab	52.1252, -26.0915, -8.8278

Details

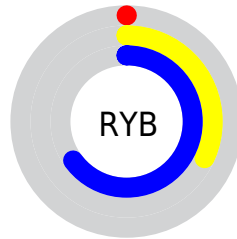
The YUV color **111.5560, 26.3479, -97.8346** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **53.4440, -26.3479, 97.8346**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.9180, 20.7464, -74.4731**, and **75.1040, 18.6827, -65.8662** is the 20% darker color. If you saturate the color by 10%, you get **111.5560, 26.3479, -97.8346**, and if you desaturate by 10%, it is **116.9270, 23.7000, -88.5130**.

Distribution



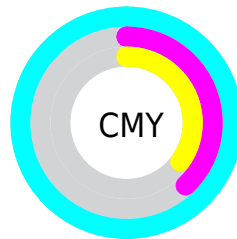
- Red (0%)
- Green (62%)
- Blue (65%)



- Red (0%)
- Yellow (32%)
- Blue (65%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (35%)



- Cyan (100%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.5560, 26.3479, -97.8346 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 111.5560, 26.3479, -97.8346 by changing the saturation by 10% instead.

■ 111.5560, 26.3479,
-97.8346

■ 111.5560, 26.3479,
-97.8346

■ 255.0000, 0.0000,
0.0000

■ 93.3300, 22.5153,
-81.8504

■ 177.9180, 20.7464,
-74.4731

■ 75.1040, 18.6827,
-65.8662

■ 207.4020, 20.0148,
-73.1436

■ 57.6930, 15.4344,
-50.5968

■ 225.1000, 14.7407,
-61.4777

■ 41.4560, 11.6072,
-36.3569

■ 234.0700, 10.3185,
-43.0344

■ 26.6210, 8.0748,
-23.3466

■ 243.0400, 5.8963,
-24.5911

■ 3.3230, 10.1938,
-2.9143

■ 252.0100, 1.4741,

■ 0.0000, 0.0000,

-6.1478

0.0000

■ 111.5560, 26.3479,
-97.8346

■ 116.9270, 23.7000,
-88.5130

■ 122.0100, 21.1941,
-78.0618

■ 127.6800, 18.3988,
-68.1254

■ 133.0510, 15.7509,
-58.8037

■ 137.8350, 13.3923,
-48.9673

■ 143.5050, 10.5970,
-39.0309

■ 148.8760, 7.9491,
-29.7093

■ 154.5460, 5.1538,
-19.7728

■ 159.3300, 2.7953,
-9.9364

Harmonies

Analogous

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



126.5600, 3.6679, -56.6191



111.5560, 26.3479, -97.8346



119.2230, 34.8931, -85.2646

Triad

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



111.5560, 26.3479, -97.8346



146.3940, 16.0748, 24.2105



140.5860, -28.8829, 24.0421

Complementary

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



111.5560, 26.3479, -97.8346



53.4440, -26.3479, 97.8346

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.



142.7760, -23.5536, 41.4154



111.5560, 26.3479, -97.8346



145.5570, 2.1904, 44.2385

Square

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



111.5560, 26.3479, -97.8346



143.5410, 26.3553, -6.6135



144.2190, -11.9400, 49.7969



137.9420, -25.6074, 0.0509

Rectangle

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



111.5560, 26.3479, -97.8346



130.7690, 33.6379, -55.9254



144.2190, -11.9400, 49.7969



141.5590, -27.8836, 30.2048

Sweetspot

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



111.5560, 26.3479, -97.8346



193.1030, 10.3022, -37.8013



97.4250, -45.5655, -85.4417



94.4640, 6.1802, -22.3319



235.0000, 0.0000, 0.0000



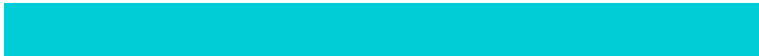
107.0000, 0.0000, 0.0000

Same Dimension

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



111.5560, 26.3479, -97.8346



144.7310, 34.1496, -126.9291



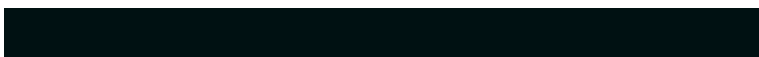
64.0090, 49.7886, -56.1359



78.7220, 1.6161, -5.0182



98.1230, 23.1104, -86.0539



12.0310, 2.9427, -10.5512

Inverse Universe

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



67.3470, 44.6919, 85.6417



87.3560, 57.9985, 111.0668



100.9910, -49.7886, 56.1359



76.6030, 2.1677, 4.7332



59.2010, 39.3409, 75.2457



7.3200, 4.7722, 9.3664

Previews

White Background



This preview shows how the YUV color 111.5560, 26.3479, -97.8346 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 111.5560, 26.3479, -97.8346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

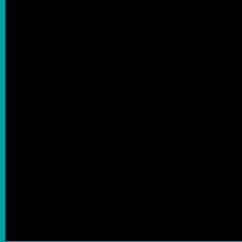
Any Text WCAG AA ✓ Pass

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 111.5560, 26.3479, -97.8346 Background



This preview shows how black text looks on a background with the YUV color 111.5560, 26.3479, -97.8346.

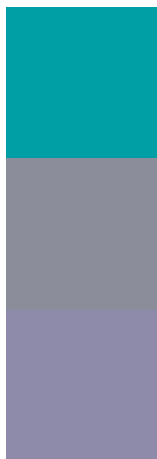


This preview shows how white text looks on a background with the YUV color 111.5560, 26.3479, -97.8346.

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

111.5560, 26.3479, -97.8346

Protanopia

142.1830, 5.8258, -1.9145

Deuteranopia

142.7300, 12.9511, -0.6402



Tritanopia

117.5190, 25.8731, -85.5242

Trichromacy



Original Color

111.5560, 26.3479, -97.8346

Protanomaly

130.9120, 13.3544, -36.7568

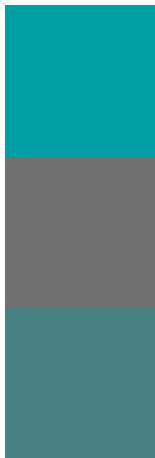
Deuteranomaly

131.1770, 18.1537, -36.1122

Tritanomaly

115.1980, 26.0314, -89.6276

Monochromacy



Original Color

111.5560, 26.3479, -97.8346

Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.8860, 9.4232, -35.8570

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.5560, 26.3479, -97.8346 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, 158, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 158, 165)  
}
```

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, 158, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 158, 165) }
```

Border

The CSS property to change the border of an element to YUV 111.5560, 26.3479, -97.8346 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, 158, 165) }
```


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

```
.border{ border-color:rgb(0, 158, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 158, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 158, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 158, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 158,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 111.5560, 26.3479, -97.8346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 158, 165) }
```

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

```
.background{ background-color: rgb(0, 158,  
165) }
```

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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