

Converting Colors

YUV(111.6530, 29.2581,
-97.9197)

Have a look what the booklet for
YUV(111.6530, 29.2581, -97.9197)
contains.

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Color

**YUV(111.6530, 29.2581,
-97.9197)**

Conversions

Conversions Part 1

Format	Color
Hex	009DAB
RGB	0, 157, 171
RGB Percent	0%, 62%, 67%
CMY	1.0000, 0.3843, 0.3294
CMYK	1.00, 0.08, 0.00, 0.33
HSL	185°, 100%, 34%
HSV	185°, 100%, 67%
XYZ	19.4077, 27.0542, 42.7272
YIQ	111.6530, -98.0660, -28.9300

Conversions

Conversions Part 2

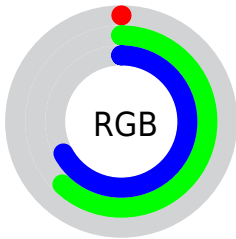
Format	Color
R _{YB}	0, 82, 171
Decimal	40363
CIE _{Lab}	59.02, -28.95, -17.07
CIE _{LCh}	59, 33.610, 210.525
Yxy	27.0542, 0.2176, 0.3033
Android (android.graphics.Color)	4278230443 (0xFF009DAB)
YUV	111.6530, 29.2581, -97.9197
Hunter-Lab	52.0137, -24.4209, -12.2948

Details

The YUV color **111.6530, 29.2581, -97.9197** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **59.3470, -29.2581, 97.9197**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.3140, 23.5092, -73.9434**, and **75.2010, 21.5929, -65.9513** is the 20% darker color. If you saturate the color by 10%, you get **111.6530, 29.2581, -97.9197**, and if you desaturate by 10%, it is **117.3230, 26.4628, -87.9833**.

Distribution



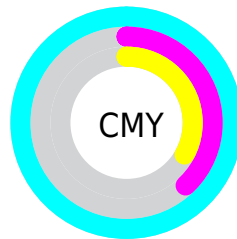
- Red (0%)
- Green (62%)
- Blue (67%)



- Red (0%)
- Yellow (32%)
- Blue (67%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (33%)



- Cyan (100%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 111.6530, 29.2581, -97.9197 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 111.6530, 29.2581, -97.9197 by changing the saturation by 10% instead.

■ 111.6530, 29.2581,
-97.9197

■ 111.6530, 29.2581,
-97.9197

■ 255.0000, 0.0000,
0.0000

■ 93.3130, 24.9887,
-81.8355

■ 178.3140, 23.5092,
-73.9434

■ 75.2010, 21.5929,
-65.9513

■ 207.9120, 23.2144,
-72.7138

■ 58.2630, 17.6183,
-51.0967

■ 225.3990, 14.5933,
-60.8629

■ 41.4390, 14.0806,
-36.3420

■ 234.3690, 10.1711,
-42.4196

■ 26.6040, 10.5482,
-23.3317

■ 243.3390, 5.7489,
-23.9763

■ 3.7790, 11.9410,
-3.3142

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 111.6530, 29.2581,
-97.9197

■ 117.3230, 26.4628,
-87.9833

■ 123.5800, 23.3781,
-78.5617

■ 129.2500, 20.5828,
-68.6252

■ 135.5070, 17.4980,
-59.2036

■ 141.1770, 14.7027,
-49.2672

■ 147.1460, 11.7600,
-38.7160

■ 153.4030, 8.6753,
-29.2944

■ 159.0730, 5.8800,
-19.3580

■ 165.3300, 2.7953,
-9.9364

Harmonies

Analogous

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



124.7810, 8.4890, -62.9519



111.6530, 29.2581, -97.9197



124.9690, 33.5393, -71.0098

Triad

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



111.6530, 29.2581, -97.9197



146.2160, 12.7115, 29.6286



139.6670, -28.4298, 18.7090

Complementary

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



111.6530, 29.2581, -97.9197



59.3470, -29.2581, 97.9197

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.



141.9990, -25.1425, 37.7119



111.6530, 29.2581, -97.9197



145.0580, -1.0146, 45.5531

Square

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



111.6530, 29.2581, -97.9197



144.3140, 24.0022, 1.4786



143.8120, -14.6973, 47.5229



136.5930, -22.9703, -5.7821

Rectangle

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



111.6530, 29.2581, -97.9197



134.1940, 32.4424, -45.7741



143.8120, -14.6973, 47.5229



140.8250, -28.0147, 25.5865

Sweetspot

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



111.6530, 29.2581, -97.9197



198.4450, 11.6126, -38.1013



101.6310, -44.6811, -89.1304



98.2790, 6.7645, -23.0467



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



111.6530, 29.2581, -97.9197



145.0560, 37.9334, -127.2141



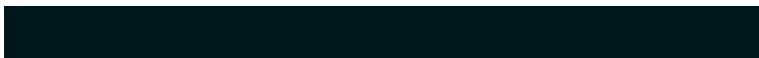
62.9320, 53.2775, -55.1914



83.7220, 1.6161, -5.0182



98.1060, 25.5837, -86.0390



14.9490, 3.9691, -13.1103

Inverse Universe

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



69.0270, 43.3707, 89.4303



89.6340, 56.3824, 116.0850



108.0680, -53.2775, 55.1914



81.6030, 2.1677, 4.7332



60.5820, 38.1671, 78.4196



9.2710, 5.7824, 12.0403

Previews

White Background



This preview shows how the YUV color 111.6530, 29.2581, -97.9197 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 111.6530, 29.2581, -97.9197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

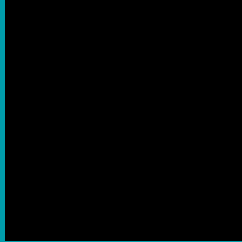
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 111.6530, 29.2581, -97.9197

Background



This preview shows how black text looks on a background with the YUV color 111.6530, 29.2581, -97.9197.



This preview shows how white text looks on a background with the YUV color 111.6530, 29.2581, -97.9197.

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



Protanopia

141.6820, 9.0308, -3.2291

Deuteranopia

142.2180, 16.1615, -3.6992

Tritanopia

111.5390, 28.8213, -97.8197

Trichromacy



Protanomaly

130.7100, 16.4120, -37.4567

Deuteranomaly

131.2630, 21.0693, -37.9417

Tritanomaly

111.5390, 28.8213, -97.8197

Monochromacy



Achromatopsia

112.0000, 0.0000, 0.0000

Achromatomaly

111.5270, 10.5862, -35.5422

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.6530, 29.2581, -97.9197 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, 157, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 171)  
}
```

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, 157, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 171) }
```

Border

The CSS property to change the border of an element to YUV 111.6530, 29.2581, -97.9197 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, 157, 171) }
```

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

```
.border{ border-color:rgb(0, 157, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 157, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 157, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 157,  
171) }
```


Background

The CSS property to change the background color of an element to YUV 111.6530, 29.2581, -97.9197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 171) }
```

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

```
.background{ background-color: rgb(0, 157,  
171) }
```

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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