

Converting Colors

YUV(126.2600, 31.9168,
-110.7300)

Have a look what the booklet for
YUV(126.2600, 31.9168, -110.7300)
contains.

YUV(126.2600, 31.9168, -110.7300)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(126.2600, 31.9168,
-110.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	00B2BF
RGB	0, 178, 191
RGB Percent	0%, 70%, 75%
CMY	1.0000, 0.3020, 0.2510
CMYK	1.00, 0.07, 0.00, 0.25
HSL	184°, 100%, 37%
HSV	184°, 100%, 75%
XYZ	25.3244, 35.6024, 54.8274
YIQ	126.2600, -110.2610, -33.6930

Conversions

Conversions Part 2

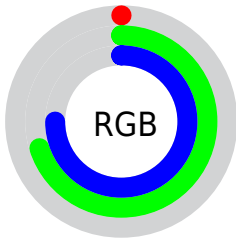
Format	Color
RYB	0, 92, 191
Decimal	45759
CIELab	66.21, -32.64, -17.36
CIELCh	66, 36.968, 208.016
Yxy	35.6024, 0.2188, 0.3076
Android (android.graphics.Color)	4278235839 (0xFF00B2BF)
YUV	126.2600, 31.9168, -110.7300
Hunter-Lab	59.6677, -28.6590, -12.7129

Details

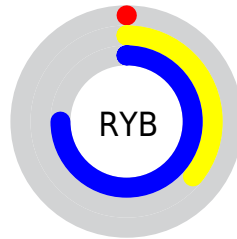
The YUV color **126.2600, 31.9168, -110.7300** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **64.7400, -31.9168, 110.7300**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.4160, 25.4309, -83.6798**, and **89.1070, 24.1042, -78.1468** is the 20% darker color. If you saturate the color by 10%, you get **126.2600, 31.9168, -110.7300**, and if you desaturate by 10%, it is **132.5280, 28.8267, -99.5641**.

Distribution



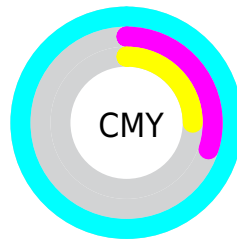
- Red (0%)
- Green (70%)
- Blue (75%)



- Red (0%)
- Yellow (36%)
- Blue (75%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.2600, 31.9168, -110.7300 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 126.2600, 31.9168, -110.7300 by changing the saturation by 10% instead.

■ 126.2600, 31.9168,
-110.7300

■ 126.2600, 31.9168,
-110.7300

■ 255.0000, 0.0000,
0.0000

■ 107.3330, 27.9368,
-94.1310

■ 195.4160, 25.4309,
-83.6798

■ 89.1070, 24.1042,
-78.1468

■ 218.5220, 17.9837,
-75.0028

■ 70.8810, 20.2717,
-62.1626

■ 227.7910, 13.4140,
-55.9447

■ 54.0570, 16.7339,
-47.4080

■ 237.0600, 8.8444,
-36.8866

■ 37.2330, 13.1961,
-32.6533

■ 246.0300, 4.4222,
-18.4433

■ 22.9850, 9.3744,
-20.1578

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 126.2600, 31.9168,
-110.7300

■ 132.5280, 28.8267,
-99.5641

■ 139.3830, 25.4472,
-88.9129

■ 145.6510, 22.3571,
-77.7469

■ 151.9190, 19.2669,
-66.5810

■ 159.0730, 15.7400,
-55.3150

■ 165.3410, 12.6499,
-44.1491

■ 171.6090, 9.5598,
-32.9831

■ 177.8770, 6.4696,
-21.8171

■ 184.7320, 3.0901,
-11.1660

Harmonies

Analogous

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



141.9330, 7.9210, -67.4702



126.2600, 31.9168, -110.7300



139.9180, 37.5084, -84.1201

Triad

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



126.2600, 31.9168, -110.7300



165.9110, 15.3269, 30.7731



158.7770, -31.9351, 22.9976

Complementary

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



126.2600, 31.9168, -110.7300



64.7400, -31.9168, 110.7300

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.



161.4620, -27.3428, 43.4448



126.2600, 31.9168, -110.7300



164.3190, -0.1573, 50.5862

Square

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



126.2600, 31.9168, -110.7300



163.0300, 28.0862, -1.7803



162.6280, -15.5926, 54.7002



155.2790, -26.7595, -3.7527

Rectangle

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



126.2600, 31.9168, -110.7300



150.5780, 36.6900, -54.8809



162.6280, -15.5926, 54.7002



159.3480, -31.2306, 30.3898

Sweetspot

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



126.2600, 31.9168, -110.7300



221.9390, 12.3551, -42.9195



113.5990, -49.5953, -99.6263



109.7840, 7.5015, -26.1206



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.



126.2600, 31.9168, -110.7300



163.7550, 41.0398, -143.6131



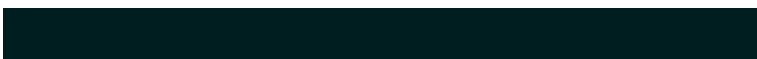
70.4950, 59.4090, -61.8241



91.3090, 1.3267, -5.5330



104.3010, 26.4736, -91.4720



20.5570, 5.1484, -18.0285

Inverse Universe

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



77.4010, 49.5953, 99.6263



100.1870, 64.4908, 128.7550



120.5050, -59.4090, 61.8241



88.7170, 2.6045, 4.6332



64.0000, 40.9190, 82.4380



12.5750, 8.0975, 16.1587

Previews

White Background



This preview shows how the YUV color 126.2600, 31.9168, -110.7300 looks on a white background.

Color Contrast Check

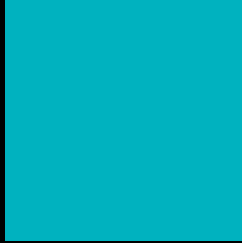
Large Text (above 18pt) WCAG AA × Fail

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 126.2600, 31.9168, -110.7300 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 126.2600, 31.9168, -110.7300 Background



This preview shows how black text looks on a background with the YUV color 126.2600, 31.9168, -110.7300.

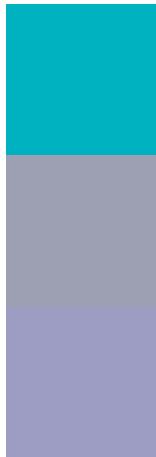


This preview shows how white text looks on a background with the YUV color 126.2600, 31.9168, -110.7300.

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

126.2600, 31.9168, -110.7300

Protanopia

160.5680, 8.5940, -3.1291

Deuteranopia

161.4460, 17.0351, -3.8991



Tritanopia

129.9620, 30.5847, -103.4527

Trichromacy



Original Color

126.2600, 31.9168, -110.7300

Protanomaly

148.2040, 17.1544, -42.2749

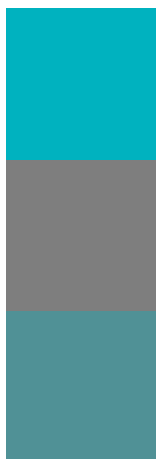
Deuteranomaly

148.8710, 22.2486, -42.8599

Tritanomaly

128.7660, 31.1744, -105.9118

Monochromacy



Original Color

126.2600, 31.9168, -110.7300

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

126.1350, 11.7654, -40.4604

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.2600, 31.9168, -110.7300 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, 178, 191)` looks like.

```
.text, #text, p{  
    color:rgb(0, 178, 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, 178, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 178, 191) }
```

Border

The CSS property to change the border of an element to YUV 126.2600, 31.9168, -110.7300 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, 178, 191) }
```


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

```
.border{ border-color:rgb(0, 178, 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, 178, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 178, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 178, 191);  
box-shadow:4px 4px 4px 4px rgb(0, 178,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 126.2600, 31.9168, -110.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 178, 191) }
```

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

```
.background{ background-color: rgb(0, 178,  
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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