

Converting Colors

YUV(126.8810, 26.6807,
-111.2746)

Have a look what the booklet for
YUV(126.8810, 26.6807, -111.2746)
contains.

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Color

**YUV(126.8810, 26.6807,
-111.2746)**

Conversions

Conversions Part 1

Format	Color
Hex	00B5B5
RGB	0, 181, 181
RGB Percent	0%, 71%, 71%
CMY	1.0000, 0.2902, 0.2902
CMYK	1.00, 0.00, 0.00, 0.29
HSL	180°, 100%, 35%
HSV	180°, 100%, 71%
XYZ	24.8644, 36.3839, 49.4284
YIQ	126.8810, -107.8760, -38.3720

Conversions

Conversions Part 2

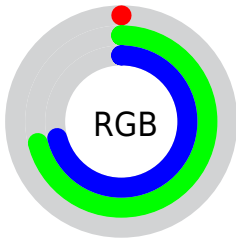
Format	Color
RYB	0, 91, 181
Decimal	46517
CIELab	66.81, -37.17, -10.93
CIELCh	67, 38.744, 196.386
Yxy	36.3839, 0.2247, 0.3287
Android (android.graphics.Color)	4278236597 (0xFF00B5B5)
YUV	126.8810, 26.6807, -111.2746
Hunter-Lab	60.3191, -31.9783, -6.3617

Details

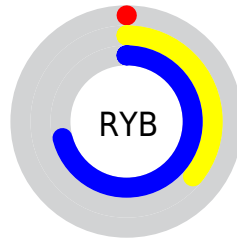
The YUV color **126.8810, 26.6807, -111.2746** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **54.1190, -26.6807, 111.2746**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.0370, 20.1948, -84.2244**, and **89.1410, 19.1575, -78.1767** is the 20% darker color. If you saturate the color by 10%, you get **126.8810, 26.6807, -111.2746**, and if you desaturate by 10%, it is **132.2630, 24.0273, -100.2087**.

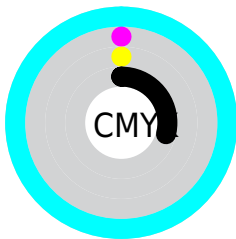
Distribution



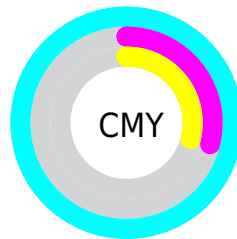
- Red (0%)
- Green (71%)
- Blue (71%)



- Red (0%)
- Yellow (36%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 126.8810, 26.6807, -111.2746 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 126.8810, 26.6807, -111.2746 by changing the saturation by 10% instead.

■ 126.8810, 26.6807,
-111.2746

■ 126.8810, 26.6807,
-111.2746

■ 255.0000, 0.0000,
0.0000

■ 107.9540, 22.7007,
-94.6757

■ 196.0370, 20.1948,
-84.2244

■ 89.1410, 19.1575,
-78.1767

■ 218.2230, 18.1311,
-75.6176

■ 71.6160, 15.4723,
-62.8072

■ 227.4920, 13.5614,
-56.5595

■ 54.2050, 12.2239,
-47.5378

■ 236.4620, 9.1392,
-38.1162

■ 37.4950, 9.1230,
-32.8831

■ 245.7310, 4.5696,
-19.0581

■ 23.3610, 5.7380,
-20.4876

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 126.8810, 26.6807,
-111.2746

■ 132.2630, 24.0273,
-100.2087

■ 137.6450, 21.3740,
-89.1427

■ 143.0270, 18.7207,
-78.0767

■ 148.4090, 16.0674,
-67.0107

■ 154.0900, 13.2666,
-55.3299

■ 159.4720, 10.6133,
-44.2639

■ 164.8540, 7.9600,
-33.1980

■ 170.2360, 5.3067,
-22.1320

■ 175.6180, 2.6533,
-11.0660

Harmonies

Analogous

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



146.1100, -0.5472, -57.9785



126.8810, 26.6807, -111.2746



128.6540, 41.0896, -112.8296

Triad

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



126.8810, 26.6807, -111.2746



166.5660, 21.9060, 20.5516



161.3160, -32.6938, 33.0489

Complementary

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



126.8810, 26.6807, -111.2746



54.1190, -26.6807, 111.2746

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.



163.3150, -24.3123, 51.4667



126.8810, 26.6807, -111.2746



166.7190, 6.5475, 46.7274

Square

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



126.8810, 26.6807, -111.2746



161.8970, 33.0818, -17.4497



165.1320, -9.9251, 56.8892



158.3790, -31.7388, 6.6836

Rectangle

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



126.8810, 26.6807, -111.2746



144.0480, 40.4023, -78.9721



165.1320, -9.9251, 56.8892



162.1150, -31.1157, 40.2411

Sweetspot

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



126.8810, 26.6807, -111.2746



213.7710, 10.4659, -43.6492



106.2470, -52.3798, -93.1786



104.4420, 6.1911, -25.8206



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.



126.8810, 26.6807, -111.2746



164.7350, 34.6406, -144.4726



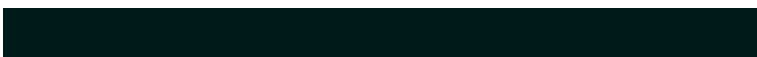
74.0510, 52.7259, -64.9427



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Inverse Universe

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



74.7530, 52.3798, 93.1786



97.0550, 68.0069, 120.9778



107.5360, -53.0152, 64.4279



83.7170, 2.6045, 4.6332



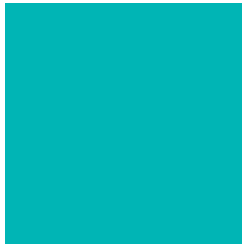
63.1890, 44.2768, 78.7642



10.7380, 7.5242, 13.3848

Previews

White Background



This preview shows how the YUV color 126.8810, 26.6807, -111.2746 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 126.8810, 26.6807, -111.2746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

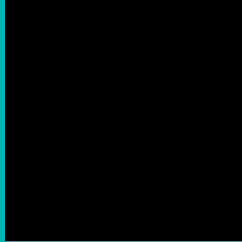
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

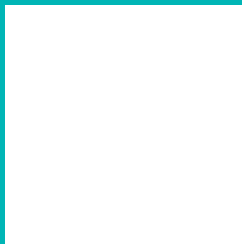
Any Text WCAG AAA ✓ Pass

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

YUV 126.8810, 26.6807, -111.2746 Background



This preview shows how black text looks on a background with the YUV color 126.8810, 26.6807, -111.2746.

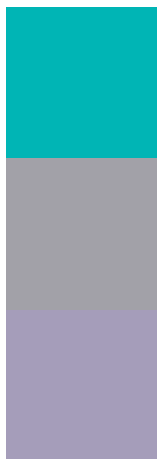


This preview shows how white text looks on a background with the YUV color 126.8810, 26.6807, -111.2746.

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

126.8810, 26.6807, -111.2746

Protanopia

162.0970, 2.9102, -0.0851

Deuteranopia

162.6980, 11.4879, 2.0189



Tritanopia

137.0560, 28.0734, -91.2571

Trichromacy



Original Color

126.8810, 26.6807, -111.2746

Protanomaly

149.1350, 11.7654, -40.4604

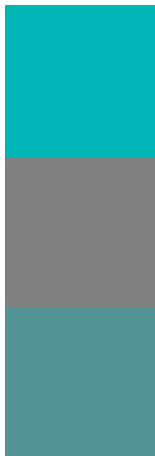
Deuteranomaly

149.8130, 16.8542, -39.3010

Tritanomaly

133.4850, 27.3689, -98.6493

Monochromacy



Original Color

126.8810, 26.6807, -111.2746

Achromatopsia

127.0000, 0.0000, 0.0000

Achromatomaly

127.2660, 9.7289, -40.5753

CSS Examples

Text

The CSS property to change the color of the text to YUV 126.8810, 26.6807, -111.2746 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, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 181)  
}
```

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, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 181) }
```

Border

The CSS property to change the border of an element to YUV 126.8810, 26.6807, -111.2746 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, 181, 181) }
```


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

```
.border{ border-color:rgb(0, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 126.8810, 26.6807, -111.2746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 181) }
```

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

```
.background{ background-color: rgb(0, 181,  
181) }
```

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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