

Converting Colors

YIQ(126.6730, -109.9860,
-33.1700)

Have a look what the booklet for
YIQ(126.6730, -109.9860, -33.1700)
contains.

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Color

**YIQ(126.6730, -109.9860,
-33.1700)**

Conversions

Conversions Part 1

Format	Color
Hex	01B2C0
RGB	1, 178, 192
RGB Percent	0%, 70%, 75%
CMY	0.9963, 0.3017, 0.2475
CMYK	1.00, 0.07, 0.00, 0.25
HSL	184°, 99%, 38%
HSV	184°, 100%, 75%
XYZ	25.4482, 35.6769, 55.3480
YIQ	126.6730, -109.9860, -33.1700

Conversions

Conversions Part 2

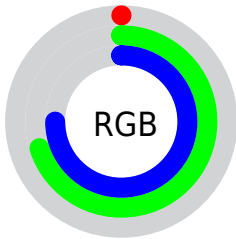
Format	Color
RYB	1, 93, 192
Decimal	111296
CIELab	66.27, -32.36, -17.77
CIELCh	66, 36.917, 208.769
Yxy	35.6769, 0.2185, 0.3063
Android (android.graphics.Color)	4278301376 (0xFF01B2C0)
YUV	126.6730, 32.2062, -110.2152
Hunter-Lab	59.7302, -28.4773, -13.1290

Details

The YIQ color **126.6730, -109.9860, -33.1700** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **66.3270, 109.9860, 33.1700**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.8290, -83.7620, -23.8420**, and **89.2210, -78.9940, -22.1460** is the 20% darker color. If you saturate the color by 10%, you get **126.3740, -110.5820, -33.3820**, and if you desaturate by 10%, it is **132.9410, -98.9370, -29.6650**.

Distribution



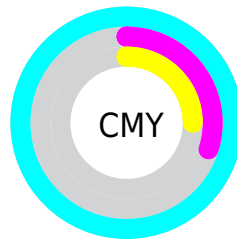
- Red (0%)
- Green (70%)
- Blue (75%)



- 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 YIQ color 126.6730, -109.9860, -33.1700 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 YIQ color 126.6730, -109.9860, -33.1700 by changing the saturation by 10% instead.

■ 126.6730,
-109.9860, -33.1700

■ 126.6730,
-109.9860, -33.1700

■ 255.0000, -0.0000,
-0.0000

■ 107.4470,
-94.4900, -27.6580

■ 195.8290,
-83.7620, -23.8420

■ 89.1070, -78.6730,
-22.4570

■ 218.5220,
-72.7120, -25.8640

■ 70.9950, -63.4980,
-16.6340

■ 227.7910,
-54.2360, -19.2920

■ 54.0570, -48.8730,
-11.8570

■ 237.0600,
-35.7600, -12.7200

■ 37.3470, -34.8900,
-6.4580

■ 246.3290,
-17.2840, -6.1480

■ 23.0990, -22.3280,
-2.8400

■ 3.2090, -7.6580,

6.6300

■ 0.0000, 0.0000,
0.0000

■ 126.6730,
-109.9860, -33.1700

■ 126.6730,
-109.9860, -33.1700

■ 126.3740,
-110.5820, -33.3820

■ 132.9410,
-98.9370, -29.6650

■ 139.7960,
-88.1630, -26.6830

■ 146.3630,
-76.5180, -22.9660

■ 153.2180,
-65.7440, -19.9840

■ 159.4860,
-54.6950, -16.4790

■ 165.7540,
-43.6460, -12.9740

■ 172.6090,
-32.8720, -9.9920

■ 178.8770,
-21.8230, -6.4870

■ 186.0310,
-10.4530, -3.2930

Harmonies

Analogous

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



142.3350, -62.1200, -30.6000



126.6730, -109.9860, -33.1700



140.3420, -89.2200, -13.0280

Triad

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



126.6730, -109.9860, -33.1700



166.0960, 18.4260, 29.5140



159.0650, 35.7650, -14.9150

Complementary

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



126.6730, -109.9860, -33.1700



66.3270, 109.9860, 33.1700

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.



161.0490, 51.0300, 0.2940



126.6730, -109.9860, -33.1700



164.3190, 42.5430, 27.4630

Square

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



126.6730, -109.9860, -33.1700



163.5140, -15.2260, 22.6460



163.2150, 54.0990, 16.2670



155.6810, 10.1830, -24.8650

Rectangle

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



126.6730, -109.9860, -33.1700



151.2900, -65.1060, 1.5020



163.2150, 54.0990, 16.2670



159.9350, 42.1830, -10.0810

Sweetspot

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



126.6730, -109.9860, -33.1700



224.0530, -43.0500, -12.7620



114.5990, -56.6980, -95.8500



109.7840, -25.9950, -7.9710



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.



126.6730, -109.9860, -33.1700



164.6840, -144.0500, -43.5860



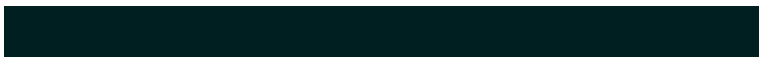
71.4950, -84.1360, 15.9920



93.4230, -5.6850, -1.5970



105.8170, -92.6560, -27.8560



21.9590, -19.1180, -5.9500

Inverse Universe

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



78.2870, 57.0190, 95.5390



101.1980, 74.5280, 125.1520



121.5050, 84.1360, -15.9920



91.0160, 3.0710, 4.9190



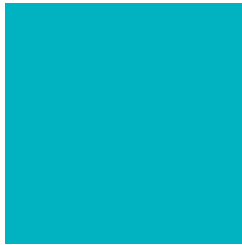
65.1250, 48.1270, 80.4710



13.4010, 9.7170, 16.6370

Previews

White Background



This preview shows how the YIQ color 126.6730, -109.9860, -33.1700 looks on a white background.

Color Contrast Check

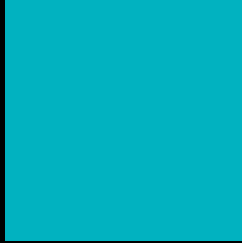
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 126.6730, -109.9860, -33.1700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

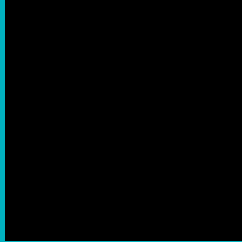
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

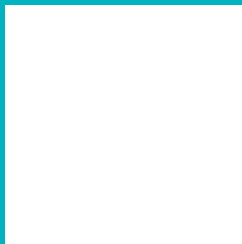
Any Text WCAG AAA ✓ Pass

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

YIQ 126.6730, -109.9860, -33.1700 Background



This preview shows how black text looks on a background with the YIQ color 126.6730, -109.9860, -33.1700.



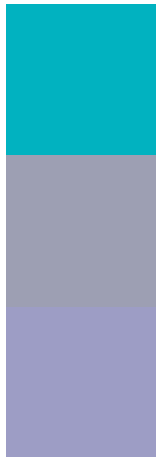
This preview shows how white text looks on a background with the YIQ color 126.6730, -109.9860, -33.1700.

-33.1700.

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

126.6730, -109.9860, -33.1700

Protanopia

160.6820, -7.6120, 5.7960

Deuteranopia

161.5600, -12.8400, 12.4400



Tritanopia

128.7660, -105.8140, -31.6860

Trichromacy



Original Color

126.6730, -109.9860, -33.1700

Protanomaly

148.3180, -45.1140, -8.3940

Deuteranomaly

148.9850, -48.3700, -4.4500

Tritanomaly

127.8690, -107.6020, -32.3220

Monochromacy



Original Color

126.6730, -109.9860, -33.1700

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.1350, -40.3450, -12.2250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.6730, -109.9860, -33.1700 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(1, 178, 192)` looks like.

```
.text, #text, p{  
    color:rgb(1, 178, 192)  
}
```

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(1, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 178, 192) }
```

Border

The CSS property to change the border of an element to YIQ 126.6730, -109.9860, -33.1700 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(1, 178, 192) }
```


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

```
.border{ border-color:rgb(1, 178, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(1, 178,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 126.6730, -109.9860, -33.1700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 178, 192) }
```

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

```
.background{ background-color: rgb(1, 178,  
192) }
```

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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