

Converting Colors

YIQ(129.1290, -111.2700,
-31.9260)

Have a look what the booklet for
YIQ(129.1290, -111.2700, -31.9260)
contains.

YIQ(129.1290, -111.2700, -31.9260)	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

**YIQ(129.1290, -111.2700,
-31.9260)**

Conversions

Conversions Part 1

Format	Color
Hex	03B4C6
RGB	3, 180, 198
RGB Percent	1%, 71%, 78%
CMY	0.9885, 0.2938, 0.2240
CMYK	0.99, 0.09, 0.00, 0.22
HSL	185°, 97%, 39%
HSV	185°, 99%, 78%
XYZ	26.5522, 36.7631, 59.0524
YIQ	129.1290, -111.2700, -31.9260

Conversions

Conversions Part 2

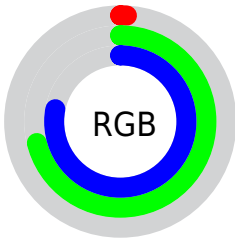
Format	Color
RYB	3, 96, 198
Decimal	242886
CIELab	67.10, -31.33, -19.83
CIELCh	67, 37.075, 212.328
Yxy	36.7631, 0.2170, 0.3004
Android (android.graphics.Color)	4278432966 (0xFF03B4C6)
YUV	129.1290, 33.9534, -110.6151
Hunter-Lab	60.6326, -27.9385, -15.3020

Details

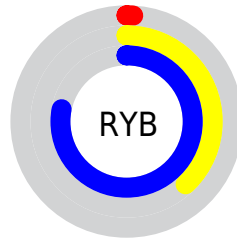
The YIQ color **129.1290, -111.2700, -31.9260** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **71.8710, 111.2700, 31.9260**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.1000, -85.9630, -22.4990**, and **90.9650, -81.1490, -21.6370** is the 20% darker color. If you saturate the color by 10%, you get **128.2320, -113.0580, -32.5620**, and if you desaturate by 10%, it is **136.2830, -99.9000, -28.7320**.

Distribution



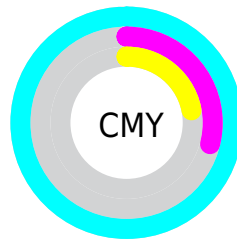
- Red (1%)
- Green (71%)
- Blue (78%)



- Red (1%)
- Yellow (38%)
- Blue (78%)



- Cyan (99%)
- Magenta (9%)
- Yellow (0%)
- Black (22%)



- Cyan (99%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.1290, -111.2700, -31.9260 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 129.1290, -111.2700, -31.9260 by changing the saturation by 10% instead.

■ 129.1290,
-111.2700, -31.9260

■ 129.1290,
-111.2700, -31.9260

■ 255.0000, -0.0000,
-0.0000

■ 109.3050,
-96.9660, -26.8380

■ 198.1000,
-85.9630, -22.4990

■ 90.9650, -81.1490,
-21.6370

■ 219.1200,
-71.5200, -25.4400

■ 72.7390, -65.6530,
-16.1250

■ 228.3890,
-53.0440, -18.8680

■ 55.9150, -51.3490,
-11.0370

■ 237.6580,
-34.5680, -12.2960

■ 39.0910, -37.0450,
-5.9490

■ 246.9270,
-16.0920, -5.7240

■ 25.3160, -24.4370,
-3.1650

■ 3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 129.1290,
-111.2700, -31.9260

■ 129.1290,
-111.2700, -31.9260

■ 128.2320,
-113.0580, -32.5620

■ 136.2830,
-99.9000, -28.7320

■ 143.4370,
-88.5300, -25.5380

■ 149.7050,
-77.4810, -22.0330

■ 156.8590,
-66.1110, -18.8390

■ 164.0130,
-54.7410, -15.6450

■ 171.1670,
-43.3710, -12.4510

■ 178.0220,
-32.5970, -9.4690

■ 185.1760,
-21.2270, -6.2750

■ 191.7430, -9.5820,
-2.5580

Harmonies

Analogous

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



142.9970, -66.9800, -30.6280



129.1290, -111.2700, -31.9260



145.0760, -85.4150, -10.3990

Triad

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



129.1290, -111.2700, -31.9260



167.7760, 22.3230, 30.4750



160.7550, 33.7020, -16.0740

Complementary

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



129.1290, -111.2700, -31.9260



71.8710, 111.2700, 31.9260

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.



163.3970, 49.9300, -1.7980



129.1290, -111.2700, -31.9260



166.4610, 45.0190, 26.6430

Square

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



129.1290, -111.2700, -31.9260



166.6070, -11.0540, 24.1300



165.0470, 54.5120, 14.2880



157.3000, 6.8820, -25.6140

Rectangle

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



129.1290, -111.2700, -31.9260



154.9100, -60.9800, 3.8200



165.0470, 54.5120, 14.2880



161.5110, 40.4410, -11.5510

Sweetspot

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



129.1290, -111.2700, -31.9260



228.1670, -43.3710, -12.4510



119.2890, -58.7610, -97.0090



111.3110, -26.0410, -7.1370



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



129.1290, -111.2700, -31.9260



165.2540, -145.6550, -42.0310



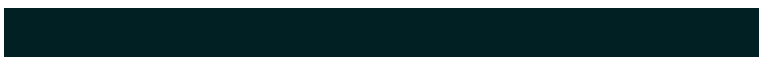
72.7770, -84.8700, 18.2820



96.3090, -5.3640, -1.9080



105.4580, -93.0230, -26.7110



22.8880, -20.3560, -5.5400

Inverse Universe

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



81.4830, 59.4030, 96.3870



102.6930, 77.5080, 126.2120



128.2230, 84.8700, -18.2820



93.7170, 2.4750, 4.7070



65.6090, 49.6400, 80.5840



14.4120, 11.1840, 17.5840

Previews

White Background



This preview shows how the YIQ color 129.1290, -111.2700, -31.9260 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 129.1290, -111.2700, -31.9260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

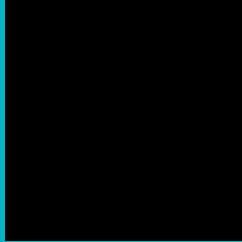
Any Text WCAG AA ✓ Pass

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 129.1290, -111.2700, -31.9260 Background



This preview shows how black text looks on a background with the YIQ color 129.1290, -111.2700, -31.9260.

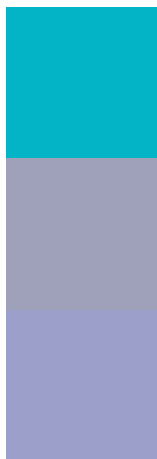


This preview shows how white text looks on a background with the YIQ color 129.1290, -111.2700, -31.9260.

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

129.1290, -111.2700, -31.9260

Protanopia

162.8390, -9.4920, 6.8280

Deuteranopia

163.4180, -15.3160, 13.2600



Tritanopia

127.8900, -112.0950, -33.4950

Trichromacy



Original Color

129.1290, -111.2700, -31.9260

Protanomaly

150.7740, -46.3980, -7.1500

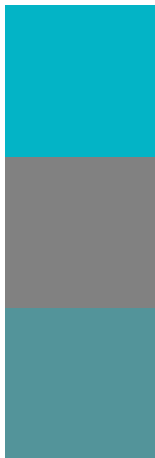
Deuteranomaly

151.1420, -50.2500, -3.4180

Tritanomaly

128.3030, -111.8200, -32.9720

Monochromacy



Original Color

129.1290, -111.2700, -31.9260

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2490, -40.6660, -11.9140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1290, -111.2700, -31.9260 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(3, 180, 198)` looks like.

```
.text, #text, p{  
    color:rgb(3, 180, 198)  
}
```

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(3, 180, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 180, 198) }
```

Border

The CSS property to change the border of an element to YIQ 129.1290, -111.2700, -31.9260 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(3, 180, 198) }
```


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

```
.border{ border-color:rgb(3, 180, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 180, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 180, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 180, 198);  
box-shadow:4px 4px 4px 4px rgb(3, 180,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1290, -111.2700, -31.9260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 180, 198) }
```

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

```
.background{ background-color: rgb(3, 180,  
198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor