

Converting Colors

YIQ(129.1030, -108.3810,
-34.7250)

Have a look what the booklet for
YIQ(129.1030, -108.3810, -34.7250)
contains.

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Color

**YIQ(129.1030, -108.3810,
-34.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	04B5BE
RGB	4, 181, 190
RGB Percent	2%, 71%, 75%
CMY	0.9846, 0.2899, 0.2553
CMYK	0.98, 0.05, 0.00, 0.26
HSL	183°, 96%, 38%
HSV	183°, 98%, 74%
XYZ	25.8698, 36.8160, 54.3941
YIQ	129.1030, -108.3810, -34.7250

Conversions

Conversions Part 2

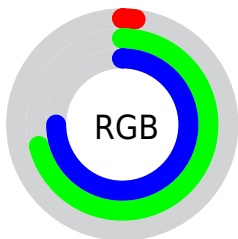
Format	Color
RYB	4, 95, 190
Decimal	308670
CIELab	67.14, -34.32, -15.35
CIELCh	67, 37.601, 204.096
Yxy	36.8160, 0.2210, 0.3145
Android (android.graphics.Color)	4278498750 (0xFF04B5BE)
YUV	129.1030, 30.0222, -109.7153
Hunter-Lab	60.6762, -30.0782, -10.6781

Details

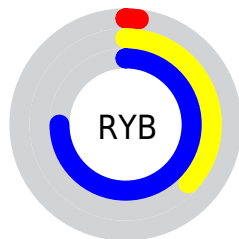
The YIQ color **129.1030, -108.3810, -34.7250** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **64.8970, 108.3810, 34.7250**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6610, -83.3490, -25.8210**, and **90.1670, -78.9020, -23.8140** is the 20% darker color. If you saturate the color by 10%, you get **127.9070, -110.7650, -35.5730**, and if you desaturate by 10%, it is **135.3710, -97.3320, -31.2200**.

Distribution



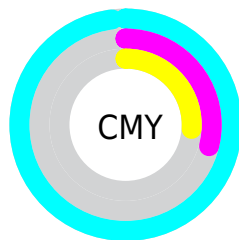
- Red (2%)
- Green (71%)
- Blue (75%)



- Red (2%)
- Yellow (37%)
- Blue (75%)



- Cyan (98%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (98%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.1030, -108.3810, -34.7250 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 129.1030, -108.3810, -34.7250 by changing the saturation by 10% instead.

■ 129.1030,
-108.3810, -34.7250

■ 129.1030,
-108.3810, -34.7250

■ 255.0000, -0.0000,
-0.0000

■ 108.9800,
-94.6730, -29.8490

■ 197.6610,
-83.3490, -25.8210

■ 90.7540, -79.1770,
-24.3370

■ 218.8210,
-72.1160, -25.6520

■ 72.5280, -63.6810,
-18.8250

■ 228.0900,
-53.6400, -19.0800

■ 55.1170, -49.1020,
-13.2140

■ 237.3590,
-35.1640, -12.5080

■ 38.9940, -35.3940,
-8.3380

■ 246.3290,
-17.2840, -6.1480

■ 24.6320, -22.5110,
-5.0310

■ 2.9810, -7.0160,

6.0080

■ 0.0000, 0.0000,
0.0000

■ 129.1030,
-108.3810, -34.7250

■ 129.1030,
-108.3810, -34.7250

■ 127.9070,
-110.7650, -35.5730

■ 135.3710,
-97.3320, -31.2200

■ 141.6390,
-86.2830, -27.7150

■ 147.9070,
-75.2340, -24.2100

■ 154.1750,
-64.1850, -20.7050

■ 160.4430,
-53.1360, -17.2000

■ 166.1240,
-41.8120, -13.1720

■ 172.3920,
-30.7630, -9.6670

■ 178.6600,
-19.7140, -6.1620

■ 184.9280, -8.6650,
-2.6570

Harmonies

Analogous

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



145.4450, -56.6180, -31.1940



129.1030, -108.3810, -34.7250



138.5040, -98.6640, -18.0880

Triad

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



129.1030, -108.3810, -34.7250



168.1710, 13.8410, 30.0090



161.6850, 39.8910, -12.5970

Complementary

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



129.1030, -108.3810, -34.7250



64.8970, 108.3810, 34.7250

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.



163.7120, 53.5970, 3.3330



129.1030, -108.3810, -34.7250



167.0030, 40.6170, 29.3290

Square

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



129.1030, -108.3810, -34.7250



164.7520, -21.8280, 21.1480



165.7960, 53.9610, 18.7690



158.4320, 15.3180, -24.3140

Rectangle

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



129.1030, -108.3810, -34.7250



150.8760, -72.8080, -2.0880



165.7960, 53.9610, 18.7690



162.2560, 45.7130, -7.9750

Sweetspot

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



129.1030, -108.3810, -34.7250



224.0100, -41.4910, -13.4830



113.8660, -53.0760, -95.4120



110.6700, -25.6740, -8.2820



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.



129.1030, -108.3810, -34.7250



166.6900, -144.1870, -46.6110



76.2730, -83.6310, 12.3450



91.3090, -5.3640, -1.9080



106.6490, -92.2430, -29.8350



20.5570, -17.9260, -5.5260

Inverse Universe

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



79.7920, 54.0390, 94.4790



100.7570, 71.4560, 125.7600



117.7270, 83.6310, -12.3450



88.7170, 2.4750, 4.7070



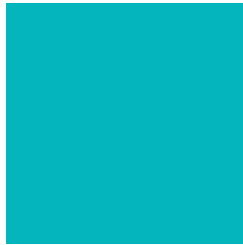
64.4560, 45.6970, 80.4570



12.5750, 9.1670, 15.5910

Previews

White Background



This preview shows how the YIQ color 129.1030, -108.3810, -34.7250 looks on a white background.

Color Contrast Check

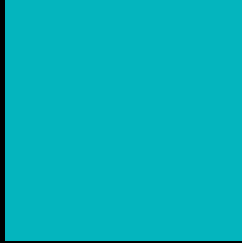
Large Text (above 18pt) WCAG AA × Fail

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 129.1030, -108.3810, -34.7250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

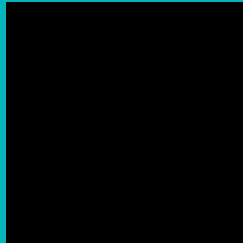
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

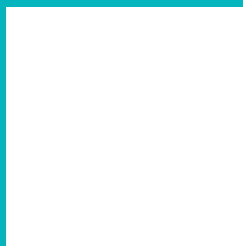
Any Text WCAG AAA ✓ Pass

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

YIQ 129.1030, -108.3810, -34.7250 Background



This preview shows how black text looks on a background with the YIQ color 129.1030, -108.3810, -34.7250.



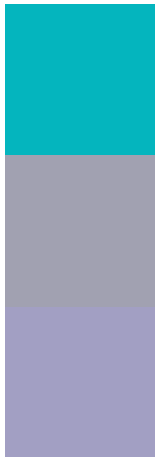
This preview shows how white text looks on a background with the YIQ color 129.1030, -108.3810, -34.7250.

-34.7250.

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

129.1030, -108.3810, -34.7250

Protanopia

162.8240, -5.1360, 4.9760

Deuteranopia

164.0010, -9.7680, 11.8320



Tritanopia

134.4680, -98.9830, -28.8310

Trichromacy



Original Color

129.1030, -108.3810, -34.7250

Protanomaly

150.4600, -42.6380, -9.2140

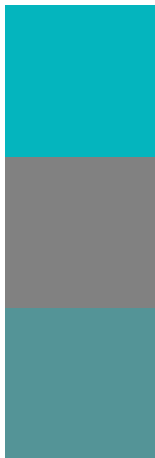
Deuteranomaly

151.4260, -45.2980, -5.0580

Tritanomaly

132.1470, -102.5130, -30.9370

Monochromacy



Original Color

129.1030, -108.3810, -34.7250

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.2060, -39.1070, -12.6350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.1030, -108.3810, -34.7250 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(4, 181, 190)` looks like.

```
.text, #text, p{  
    color:rgb(4, 181, 190)  
}
```

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(4, 181, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 181, 190) }
```

Border

The CSS property to change the border of an element to YIQ 129.1030, -108.3810, -34.7250 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(4, 181, 190) }
```


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

```
.border{ border-color:rgb(4, 181, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 181, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 181, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 181, 190);  
box-shadow:4px 4px 4px 4px rgb(4, 181,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 129.1030, -108.3810, -34.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 181, 190) }
```

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

```
.background{ background-color: rgb(4, 181,  
190) }
```

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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