

Converting Colors

YIQ(131.9410, -108.1050,
-39.7290)

Have a look what the booklet for
YIQ(131.9410, -108.1050, -39.7290)
contains.

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Color

**YIQ(131.9410, -108.1050,
-39.7290)**

Conversions

Conversions Part 1

Format	Color
Hex	04BBB8
RGB	4, 187, 184
RGB Percent	2%, 73%, 72%
CMY	0.9846, 0.2664, 0.2789
CMYK	0.98, 0.00, 0.02, 0.27
HSL	179°, 96%, 37%
HSV	179°, 98%, 73%
XYZ	26.4756, 39.0545, 51.4305
YIQ	131.9410, -108.1050, -39.7290

Conversions

Conversions Part 2

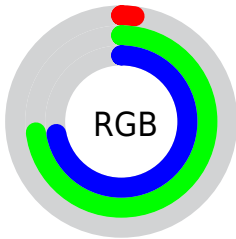
Format	Color
RYB	4, 96, 187
Decimal	310200
CIELab	68.79, -38.94, -9.57
CIELCh	69, 40.093, 193.805
Yxy	39.0545, 0.2264, 0.3339
Android (android.graphics.Color)	4278500280 (0xFF04BBB8)
YUV	131.9410, 25.6651, -112.2043
Hunter-Lab	62.4936, -33.7417, -5.0485

Details

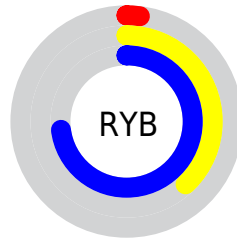
The YIQ color **131.9410, -108.1050, -39.7290** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **59.0590, 108.1050, 39.7290**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.0860, -83.3480, -31.3480**, and **93.0050, -78.6260, -28.8180** is the 20% darker color. If you saturate the color by 10%, you get **130.7450, -110.4890, -40.5770**, and if you desaturate by 10%, it is **137.6220, -96.7810, -35.7010**.

Distribution



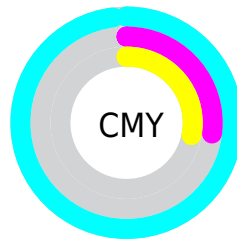
- Red (2%)
- Green (73%)
- Blue (72%)



- Red (2%)
- Yellow (38%)
- Blue (73%)



- Cyan (98%)
- Magenta (0%)
- Yellow (2%)
- Black (27%)



- Cyan (98%)
- Magenta (27%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 131.9410, -108.1050, -39.7290 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 131.9410, -108.1050, -39.7290 by changing the saturation by 10% instead.

■ 131.9410,
-108.1050, -39.7290

■ 131.9410,
-108.1050, -39.7290

■ 255.0000, -0.0000,
-0.0000

■ 111.8180,
-94.3970, -34.8530

■ 201.0860,
-83.3480, -31.3480

■ 93.0050, -78.6260,
-28.8180

■ 218.8210,
-72.1160, -25.6520

■ 74.8930, -63.4510,
-22.9950

■ 228.0900,
-53.6400, -19.0800

■ 57.4820, -48.8720,
-17.3840

■ 237.3590,
-35.1640, -12.5080

■ 40.7720, -34.8890,
-11.9850

■ 246.6280,
-16.6880, -5.9360

■ 26.5240, -22.3270,
-8.3670

■ 2.5250, -5.7320,

4.7640

■ 0.0000, 0.0000,
0.0000

■ 131.9410,
-108.1050, -39.7290

■ 131.9410,
-108.1050, -39.7290

■ 130.7450,
-110.4890, -40.5770

■ 137.6220,
-96.7810, -35.7010

■ 143.1180,
-86.3740, -31.5740

■ 148.7990,
-75.0500, -27.5460

■ 154.4800,
-63.7260, -23.5180

■ 159.9760,
-53.3190, -19.3910

■ 165.6570,
-41.9950, -15.3630

■ 171.3380,
-30.6710, -11.3350

■ 177.0190,
-19.3470, -7.3070

■ 182.5150, -8.9400,
-3.1800

Harmonies

Analogous

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



151.5400, -46.7600, -33.6400



131.9410, -108.1050, -39.7290



132.7460, -120.2570, -28.7450

Triad

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



131.9410, -108.1050, -39.7290



172.0110, 2.6080, 29.8400



166.6970, 48.7850, -8.5830

Complementary

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



131.9410, -108.1050, -39.7290



59.0590, 108.1050, 39.7290

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.



168.9240, 59.0520, 9.1000



131.9410, -108.1050, -39.7290



172.4740, 34.9770, 32.4250

Square

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



131.9410, -108.1050, -39.7290



167.0320, -37.4160, 17.3040



170.0830, 54.8310, 25.0310



163.6460, 26.4590, -22.4770

Rectangle

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



131.9410, -108.1050, -39.7290



145.5630, -97.1520, -12.4480



170.0830, 54.8310, 25.0310



167.6100, 53.6440, -3.0280

Sweetspot

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



131.9410, -108.1050, -39.7290



220.9560, -41.3990, -15.1510



113.2150, -46.7490, -94.4370



109.4420, -25.0320, -8.9040



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



131.9410, -108.1050, -39.7290



169.1860, -142.9480, -52.5480



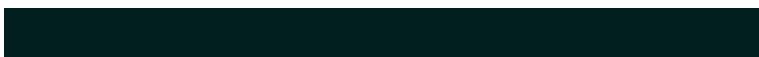
82.3880, -85.6930, 5.6590



91.3090, -5.3640, -1.9080



110.4160, -93.2050, -34.4290



21.6170, -18.1550, -6.8830

Inverse Universe

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



59.0590, 108.1050, 39.7290



72.8140, 142.9480, 52.5480



108.6120, 85.6930, -5.6590



87.6910, 5.3640, 1.9080



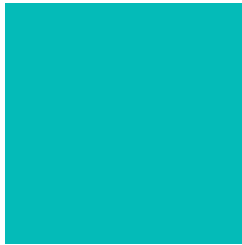
47.5840, 93.2050, 34.4290



9.3830, 18.1550, 6.8830

Previews

White Background



This preview shows how the YIQ color 131.9410, -108.1050, -39.7290 looks on a white background.

Color Contrast Check

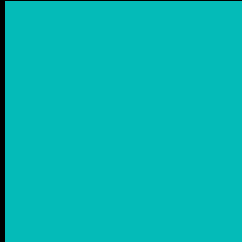
Large Text (above 18pt) WCAG AA × Fail

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 131.9410, -108.1050, -39.7290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

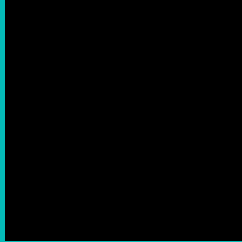
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

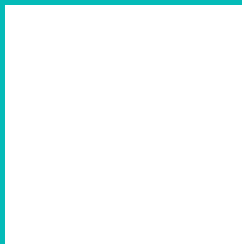
Any Text WCAG AAA ✓ Pass

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

YIQ 131.9410, -108.1050, -39.7290 Background



This preview shows how black text looks on a background with the YIQ color 131.9410, -108.1050, -39.7290.



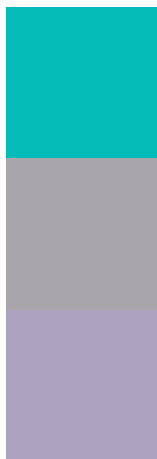
This preview shows how white text looks on a background with the YIQ color 131.9410, -108.1050,

-39.7290.

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

131.9410, -108.1050, -39.7290

Protanopia

167.1680, -0.4130, 1.9790

Deuteranopia

168.0680, -2.7070, 10.5170



Tritanopia

142.4580, -93.0230, -26.7110

Trichromacy



Original Color

131.9410, -108.1050, -39.7290

Protanomaly

154.4940, -39.9780, -13.3700

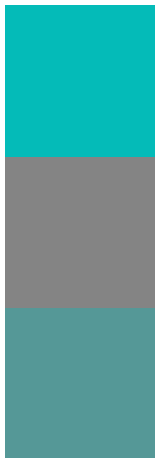
Deuteranomaly

154.8840, -40.8960, -7.7440

Tritanomaly

138.7730, -98.5240, -31.6440

Monochromacy



Original Color

131.9410, -108.1050, -39.7290

Achromatopsia

132.0000, -0.0000, -0.0000

Achromatomaly

131.8530, -39.6110, -14.5150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 131.9410, -108.1050, -39.7290 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, 187, 184)` looks like.

```
.text, #text, p{  
    color:rgb(4, 187, 184)  
}
```

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, 187, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 187, 184) }
```

Border

The CSS property to change the border of an element to YIQ 131.9410, -108.1050, -39.7290 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, 187, 184) }
```


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

```
.border{ border-color:rgb(4, 187, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 187, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 187, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 187, 184);  
box-shadow:4px 4px 4px 4px rgb(4, 187,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 131.9410, -108.1050, -39.7290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 187, 184) }
```

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

```
.background{ background-color: rgb(4, 187,  
184) }
```

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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