

Converting Colors

YIQ(141.9130, -110.9020,
-38.5980)

Have a look what the booklet for
YIQ(141.9130, -110.9020, -38.5980)
contains.

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Color

**YIQ(141.9130, -110.9020,
-38.5980)**

Conversions

Conversions Part 1

Format	Color
Hex	0CC5C7
RGB	12, 197, 199
RGB Percent	5%, 77%, 78%
CMY	0.9532, 0.2271, 0.2200
CMYK	0.94, 0.01, 0.00, 0.22
HSL	181°, 89%, 41%
HSV	181°, 94%, 78%
XYZ	30.4297, 44.1635, 60.8849
YIQ	141.9130, -110.9020, -38.5980

Conversions

Conversions Part 2

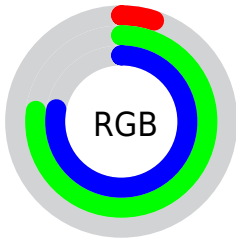
Format	Color
RYB	12, 105, 199
Decimal	837063
CIELab	72.34, -38.72, -12.46
CIELCh	72, 40.673, 197.846
Yxy	44.1635, 0.2246, 0.3260
Android (android.graphics.Color)	4279027143 (0xFF0CC5C7)
YUV	141.9130, 28.1439, -113.9337
Hunter-Lab	66.4556, -34.5630, -7.8010

Details

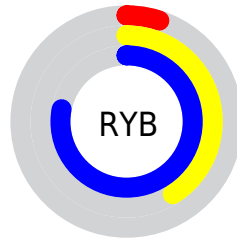
The YIQ color **141.9130, -110.9020, -38.5980** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **69.0870, 110.9020, 38.5980**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.1610, -87.9330, -30.8530**, and **99.8840, -85.5950, -29.1710** is the 20% darker color. If you saturate the color by 10%, you get **138.3250, -118.0540, -41.1420**, and if you desaturate by 10%, it is **147.8930, -98.9820, -34.3580**.

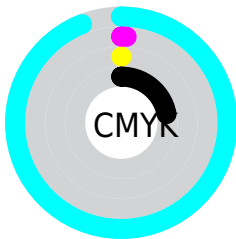
Distribution



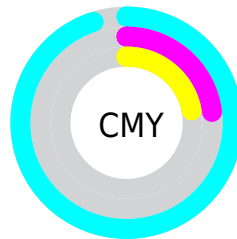
- Red (5%)
- Green (77%)
- Blue (78%)



- Red (5%)
- Yellow (41%)
- Blue (78%)



- Cyan (94%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)



- Cyan (95%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 141.9130, -110.9020, -38.5980 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 141.9130, -110.9020, -38.5980 by changing the saturation by 10% instead.

■ 141.9130,
-110.9020, -38.5980

■ 141.9130,
-110.9020, -38.5980

■ 255.0000, -0.0000,
-0.0000

■ 118.8110,
-101.6870, -34.8950

■ 210.1610,
-87.9330, -30.8530

■ 100.4710,
-85.8700, -29.6940

■ 220.3160,
-69.1360, -24.5920

■ 81.6580, -70.0990,
-23.6590

■ 229.8840,
-50.0640, -17.8080

■ 64.2470, -55.5200,
-18.0480

■ 239.1530,
-31.5880, -11.2360

■ 47.4230, -41.2160,
-12.9600

■ 248.4220,
-13.1120, -4.6640

■ 31.4140, -27.8290,
-7.7730

■ 12.5840, -13.3880,

0.3400

■ 0.0000, 0.0000,
0.0000

■ 141.9130,
-110.9020, -38.5980

■ 141.9130,
-110.9020, -38.5980

■ 138.3250,
-118.0540, -41.1420

■ 147.8930,
-98.9820, -34.3580

■ 153.8730,
-87.0620, -30.1180

■ 160.4400,
-75.4170, -26.4010

■ 166.1210,
-64.0930, -22.3730

■ 172.1010,
-52.1730, -18.1330

■ 178.0810,
-40.2530, -13.8930

■ 184.0610,
-28.3330, -9.6530

■ 190.6280,
-16.6880, -5.9360

■ 196.6080, -4.7680,
-1.6960

Harmonies

Analogous

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



159.7180, -53.1330, -33.7810



141.9130, -110.9020, -38.5980



140.2120, -127.5010, -29.6210

Triad

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



141.9130, -110.9020, -38.5980



182.4030, 7.3760, 31.5360



176.0450, 47.6850, -10.6750

Complementary

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



141.9130, -110.9020, -38.5980



69.0870, 110.9020, 38.5980

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.



178.0550, 60.0610, 7.3330



141.9130, -110.9020, -38.5980



181.9260, 39.5160, 32.7640

Square

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



141.9130, -110.9020, -38.5980



177.3640, -32.4190, 20.3570



179.9970, 57.9490, 23.5890



172.3250, 22.9290, -24.5830

Rectangle

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



141.9130, -110.9020, -38.5980



159.2050, -90.0920, -8.2360



179.9970, 57.9490, 23.5890



177.1430, 53.4610, -5.2190

Sweetspot

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



141.9130, -110.9020, -38.5980



233.1840, -42.0410, -14.5290



121.7690, -51.4250, -97.8010



114.2570, -25.9490, -8.8050



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.



141.9130, -110.9020, -38.5980



177.5810, -151.4300, -53.0140



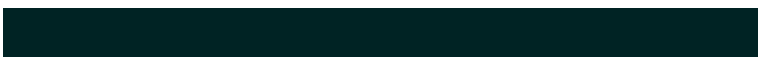
87.9090, -85.6020, 9.5180



96.3090, -5.3640, -1.9080



113.6760, -96.8730, -34.0330



24.6490, -21.1810, -7.1090

Inverse Universe

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



89.0030, 52.0670, 97.1790



105.0870, 70.7670, 132.7430



122.5040, 85.8770, -8.9950



93.7170, 2.4750, 4.7070



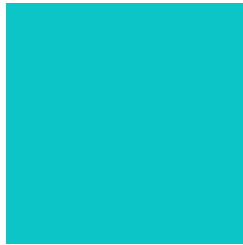
67.2050, 45.1460, 84.9380



14.7540, 10.2210, 18.5170

Previews

White Background



This preview shows how the YIQ color 141.9130, -110.9020, -38.5980 looks on a white background.

Color Contrast Check

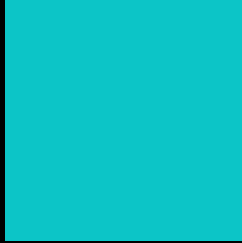
Large Text (above 18pt) WCAG AA × Fail

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 141.9130, -110.9020, -38.5980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

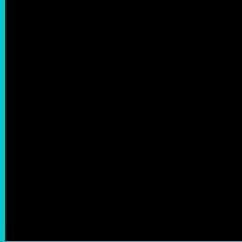
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

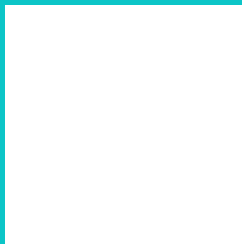
Any Text WCAG AAA ✓ Pass

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

YIQ 141.9130, -110.9020, -38.5980 Background



This preview shows how black text looks on a background with the YIQ color 141.9130, -110.9020, -38.5980.



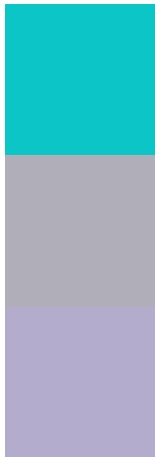
This preview shows how white text looks on a background with the YIQ color 141.9130, -110.9020, -38.5980.

-38.5980.

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

141.9130, -110.9020, -38.5980

Protanopia

176.4390, -2.6140, 3.3220

Deuteranopia

177.7410, -6.1000, 11.4360



Tritanopia

148.9840, -100.4960, -28.9440

Trichromacy



Original Color

141.9130, -110.9020, -38.5980

Protanomaly

163.7650, -42.1790, -12.0270

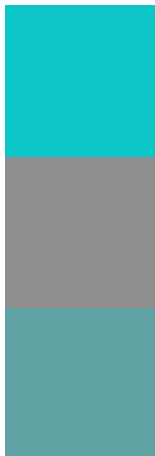
Deuteranomaly

164.5570, -44.2890, -6.8250

Tritanomaly

146.7230, -104.2550, -32.4070

Monochromacy



Original Color

141.9130, -110.9020, -38.5980

Achromatopsia

142.0000, -0.0000, -0.0000

Achromatomaly

142.0810, -40.2530, -13.8930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 141.9130, -110.9020, -38.5980 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(12, 197, 199)` looks like.

```
.text, #text, p{  
    color:rgb(12, 197, 199)  
}
```

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(12, 197, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 197, 199) }
```

Border

The CSS property to change the border of an element to YIQ 141.9130, -110.9020, -38.5980 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(12, 197, 199) }
```


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

```
.border{ border-color:rgb(12, 197, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 197, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 197, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 197, 199);  
box-shadow:4px 4px 4px 4px rgb(12, 197,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 141.9130, -110.9020, -38.5980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 197, 199) }
```

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

```
.background{ background-color: rgb(12, 197,  
199) }
```

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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