

Converting Colors

YIQ(138.7940, -103.0170,
-32.8170)

Have a look what the booklet for
YIQ(138.7940, -103.0170, -32.8170)
contains.

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Color

**YIQ(138.7940, -103.0170,
-32.8170)**

Conversions

Conversions Part 1

Format	Color
Hex	14BCC5
RGB	20, 188, 197
RGB Percent	8%, 74%, 77%
CMY	0.9219, 0.2625, 0.2279
CMYK	0.90, 0.04, 0.00, 0.23
HSL	183°, 82%, 43%
HSV	183°, 90%, 77%
XYZ	28.3507, 40.1707, 59.0191
YIQ	138.7940, -103.0170, -32.8170

Conversions

Conversions Part 2

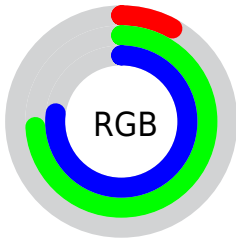
Format	Color
RYB	20, 106, 197
Decimal	1359045
CIELab	69.59, -34.85, -15.50
CIELCh	70, 38.142, 203.977
Yxy	40.1707, 0.2223, 0.3150
Android (android.graphics.Color)	4279549125 (0xFF14BCC5)
YUV	138.7940, 28.6956, -104.1823
Hunter-Lab	63.3803, -31.0707, -10.8440

Details

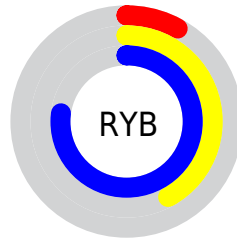
The YIQ color **138.7940, -103.0170, -32.8170** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **78.2060, 103.0170, 32.8170**, and the grayscale version is **139.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.7640, -85.1370, -26.4570**, and **94.9600, -82.7530, -25.6090** is the 20% darker color. If you saturate the color by 10%, you get **132.2270, -114.6620, -36.5340**, and if you desaturate by 10%, it is **145.3610, -91.3720, -29.1000**.

Distribution



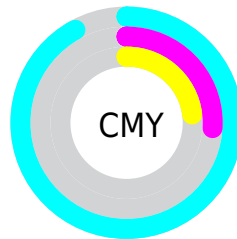
- Red (8%)
- Green (74%)
- Blue (77%)



- Red (8%)
- Yellow (42%)
- Blue (77%)



- Cyan (90%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)



- Cyan (92%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 138.7940, -103.0170, -32.8170 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 138.7940, -103.0170, -32.8170 by changing the saturation by 10% instead.

■ 138.7940,
-103.0170, -32.8170

■ 138.7940,
-103.0170, -32.8170

■ 255.0000, -0.0000,
-0.0000

■ 113.8870,
-98.8450, -31.3330

■ 204.7640,
-85.1370, -26.4570

■ 94.9600, -82.7530,
-25.6090

■ 220.3160,
-69.1360, -24.5920

■ 76.8480, -67.5780,
-19.7860

■ 229.5850,
-50.6600, -18.0200

■ 59.3230, -52.6780,
-14.4860

■ 238.8540,
-32.1840, -11.4480

■ 43.0860, -38.6490,
-9.9210

■ 248.1230,
-13.7080, -4.8760

■ 27.6640, -25.5370,
-5.2570

■ 3.6650, -8.9420,

7.8740

■ 0.0000, 0.0000,
0.0000

■ 138.7940,
-103.0170, -32.8170

■ 138.7940,
-103.0170, -32.8170

■ 132.2270,
-114.6620, -36.5340

■ 145.3610,
-91.3720, -29.1000

■ 151.6290,
-80.3230, -25.5950

■ 158.1960,
-68.6780, -21.8780

■ 164.7630,
-57.0330, -18.1610

■ 171.0310,
-45.9840, -14.6560

■ 177.5980,
-34.3390, -10.9390

■ 184.1650,
-22.6940, -7.2220

■ 190.4330,
-11.6450, -3.7170

■ 197.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



152.1460, -57.2140, -31.4060



138.7940, -103.0170, -32.8170



145.9170, -98.3890, -17.5650

Triad

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



138.7940, -103.0170, -32.8170



174.5840, 14.1160, 30.5320



168.4570, 40.5330, -13.2190

Complementary

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



138.7940, -103.0170, -32.8170



78.2060, 103.0170, 32.8170

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.



170.7830, 54.8350, 2.9230



138.7940, -103.0170, -32.8170



174.1880, 41.5340, 29.2300

Square

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



138.7940, -103.0170, -32.8170



171.8660, -22.1490, 21.4590



172.3940, 55.1530, 19.1930



164.4320, 15.3180, -24.3140

Rectangle

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



138.7940, -103.0170, -32.8170



157.6910, -73.7250, -1.9890



172.3940, 55.1530, 19.1930



168.8540, 46.9050, -7.5510

Sweetspot

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



138.7940, -103.0170, -32.8170



232.6080, -40.2990, -13.0590



124.5830, -50.6010, -90.7050



113.9800, -23.6110, -7.1230



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.



138.7940, -103.0170, -32.8170



171.1240, -148.4050, -47.2610



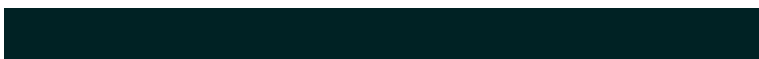
88.8990, -79.6420, 11.6380



96.3090, -5.3640, -1.9080



109.5670, -94.9480, -30.3720



24.0620, -20.9060, -6.5860

Inverse Universe

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



92.0750, 51.5640, 89.7720



103.8330, 74.2980, 129.3220



128.1010, 79.6420, -11.6380



93.7170, 2.4750, 4.7070



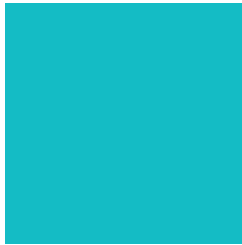
66.4070, 47.3930, 82.7610



14.6400, 10.5420, 18.2060

Previews

White Background



This preview shows how the YIQ color 138.7940, -103.0170, -32.8170 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 138.7940, -103.0170, -32.8170 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

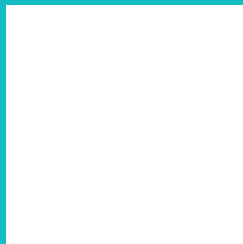
Any Text WCAG AAA ✓ Pass

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

YIQ 138.7940, -103.0170, -32.8170 Background



This preview shows how black text looks on a background with the YIQ color 138.7940, -103.0170, -32.8170.



This preview shows how white text looks on a background with the YIQ color 138.7940, -103.0170, -32.8170.

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

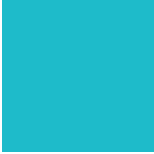
138.7940, -103.0170, -32.8170

Protanopia

169.5250, -5.7320, 4.7640

Deuteranopia

170.4140, -9.4930, 12.3550



Tritanopia

141.7670, -98.3870, -28.6190

Trichromacy



Original Color

138.7940, -103.0170, -32.8170

Protanomaly

158.3570, -40.8500, -8.5780

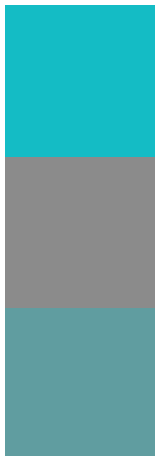
Deuteranomaly

158.7360, -43.2350, -3.8990

Tritanomaly

140.3430, -100.1290, -30.0890

Monochromacy



Original Color

138.7940, -103.0170, -32.8170

Achromatopsia

139.0000, -0.0000, 0.0000

Achromatomaly

139.1030, -37.3190, -11.9990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 138.7940, -103.0170, -32.8170 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(20, 188, 197)` looks like.

```
.text, #text, p{  
    color:rgb(20, 188, 197)  
}
```

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(20, 188, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 188, 197) }
```

Border

The CSS property to change the border of an element to YIQ 138.7940, -103.0170, -32.8170 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(20, 188, 197) }
```


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

```
.border{ border-color:rgb(20, 188, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 188, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 188, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 188, 197);  
box-shadow:4px 4px 4px 4px rgb(20, 188,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 138.7940, -103.0170, -32.8170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 188, 197) }
```

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

```
.background{ background-color: rgb(20, 188,  
197) }
```

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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