

Converting Colors

YIQ(154.3190, -82.3860,
-26.7540)

Have a look what the booklet for
YIQ(154.3190, -82.3860, -26.7540)
contains.

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Color

**YIQ(154.3190, -82.3860,
-26.7540)**

Conversions

Conversions Part 1

Format	Color
Hex	3BC2C8
RGB	59, 194, 200
RGB Percent	23%, 76%, 78%
CMY	0.7689, 0.2390, 0.2160
CMYK	0.71, 0.03, 0.00, 0.22
HSL	182°, 56%, 51%
HSV	182°, 71%, 78%
XYZ	31.5187, 43.7024, 61.3660
YIQ	154.3190, -82.3860, -26.7540

Conversions

Conversions Part 2

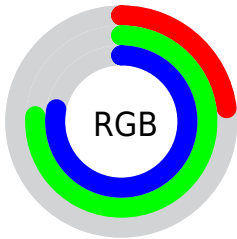
Format	Color
R _Y B	59, 128, 200
Decimal	3916488
CIE Lab	72.03, -33.35, -13.43
CIE LCh	72, 35.955, 201.932
Yxy	43.7024, 0.2308, 0.3200
Android (android.graphics.Color)	4282106568 (0xFF3BC2C8)
YUV	154.3190, 22.5207, -83.5948
Hunter-Lab	66.1078, -30.5838, -8.7618

Details

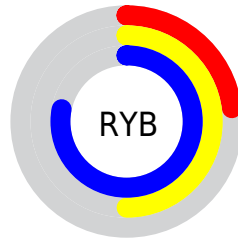
The YIQ color **154.3190, -82.3860, -26.7540** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **104.6810, 82.3860, 26.7540**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **214.0810, -75.7840, -25.2560**, and **98.8240, -85.3660, -27.8140** is the 20% darker color. If you saturate the color by 10%, you get **147.7520, -94.0310, -30.4710**, and if you desaturate by 10%, it is **160.8860, -70.7410, -23.0370**.

Distribution



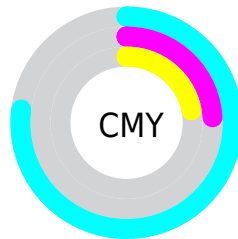
- Red (23%)
- Green (76%)
- Blue (78%)



- Red (23%)
- Yellow (50%)
- Blue (78%)



- Cyan (71%)
- Magenta (3%)
- Yellow (0%)
- Black (22%)



- Cyan (77%)
- Magenta (24%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.3190, -82.3860, -26.7540 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 154.3190, -82.3860, -26.7540 by changing the saturation by 10% instead.

■ 154.3190,
-82.3860, -26.7540

■ 154.3190,
-82.3860, -26.7540

■ 255.0000, -0.0000,
-0.0000

■ 117.7510,
-101.4580, -33.5380

■ 214.0810,
-75.7840, -25.2560

■ 98.8240, -85.3660,
-27.8140

■ 225.6980,
-58.4080, -20.7760

■ 80.5980, -69.8700,
-22.3020

■ 234.6680,
-40.5280, -14.4160

■ 63.1870, -55.2910,
-16.6910

■ 243.6380,
-22.6480, -8.0560

■ 46.3630, -40.9870,
-11.6030

■ 252.9070, -4.1720,
-1.4840

■ 30.2400, -27.2790,
-6.7270

■ 12.1110, -13.4340,

1.1740

■ 0.0000, 0.0000,
0.0000

■ 154.3190,
-82.3860, -26.7540

■ 154.3190,
-82.3860, -26.7540

■ 147.7520,
-94.0310, -30.4710

■ 160.8860,
-70.7410, -23.0370

■ 141.1850,
-105.6760, -34.1880


■ 167.4530,
-59.0960, -19.3200


■ 135.5040,
-117.0000, -38.2160


■ 174.0200,
-47.4510, -15.6030

■ 180.0000,
-35.5310, -11.3630

■ 186.5670,
-23.8860, -7.6460

 193.1340,
-12.2410, -3.9290

 199.7010, -0.5960,
-0.2120

 206.2680, 11.0490,
3.5050

 212.8350, 22.6940,
7.2220

Harmonies

Analogous

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



161.2070, -50.0160, -29.6960



154.3190, -82.3860, -26.7540



157.4410, -85.1850, -14.5690

Triad

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



154.3190, -82.3860, -26.7540



181.4480, 11.5030, 28.3270



175.6250, 40.1200, -11.2400

Complementary

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



154.3190, -82.3860, -26.7540



104.6810, 82.3860, 26.7540

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.



177.3530, 53.2300, 4.4780



154.3190, -82.3860, -26.7540



180.8070, 38.2330, 28.4810

Square

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



154.3190, -82.3860, -26.7540



177.6270, -22.9740, 19.8900



179.4260, 52.1270, 18.9670



171.9700, 16.7390, -22.5330

Rectangle

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



154.3190, -82.3860, -26.7540



165.6160, -69.1400, -2.4840



179.4260, 52.1270, 18.9670



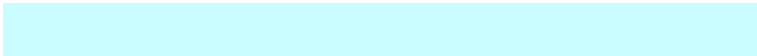
176.3100, 45.6210, -6.3070

Sweetspot

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



154.3190, -82.3860, -26.7540



237.6800, -31.6340, -10.4020



142.3370, -40.3800, -72.1880



117.2580, -18.5220, -5.7380



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.



154.3190, -82.3860, -26.7540



184.8340, -126.8570, -41.2970



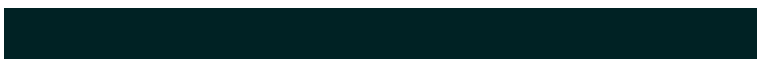
113.8160, -63.4110, 9.3330



96.3090, -5.3640, -1.9080



110.1540, -95.2230, -30.8950



24.0620, -20.9060, -6.5860

Inverse Universe

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



116.5490, 40.7010, 71.8770



126.5950, 62.5640, 110.6920



145.1840, 63.4110, -9.3330



93.7170, 2.4750, 4.7070



66.5210, 47.0720, 83.0720



14.6400, 10.5420, 18.2060

Previews

White Background



This preview shows how the YIQ color 154.3190, -82.3860, -26.7540 looks on a white background.

Color Contrast Check

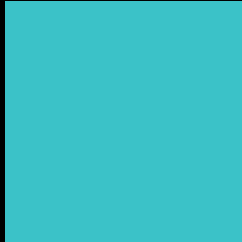
Large Text (above 18pt) WCAG AA × Fail

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 154.3190, -82.3860, -26.7540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

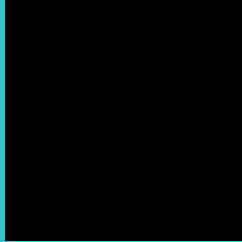
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

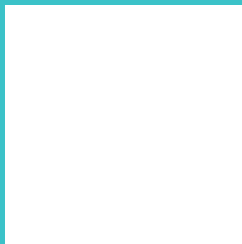
Any Text WCAG AAA ✓ Pass

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

YIQ 154.3190, -82.3860, -26.7540 Background



This preview shows how black text looks on a background with the YIQ color 154.3190, -82.3860, -26.7540.



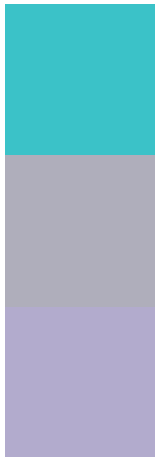
This preview shows how white text looks on a background with the YIQ color 154.3190, -82.3860, -26.7540.

-26.7540.

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

154.3190, -82.3860, -26.7540

Protanopia

175.7810, -3.5770, 4.2550

Deuteranopia

176.9690, -6.7420, 12.0580



Tritanopia

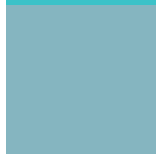
156.1390, -81.6990, -22.6830

Trichromacy



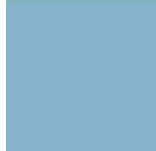
Original Color

154.3190, -82.3860, -26.7540



Protanomaly

167.9020, -32.1390, -6.7550



Deuteranomaly

168.5800, -33.9280, -1.8640



Tritanomaly

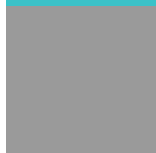
155.1990, -81.9280, -24.0400

Monochromacy



Original Color

154.3190, -82.3860, -26.7540



Achromatopsia

154.0000, -0.0000, -0.0000



Achromatomaly

154.2780, -30.4420, -9.9780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.3190, -82.3860, -26.7540 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(59, 194, 200)` looks like.

```
.text, #text, p{  
    color:rgb(59, 194, 200)  
}
```

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(59, 194, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 194, 200) }
```

Border

The CSS property to change the border of an element to YIQ 154.3190, -82.3860, -26.7540 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(59, 194, 200) }
```


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

```
.border{ border-color:rgb(59, 194, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 194, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 194, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 194, 200);  
box-shadow:4px 4px 4px 4px rgb(59, 194,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 154.3190, -82.3860, -26.7540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 194, 200) }
```

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

```
.background{ background-color: rgb(59, 194,  
200) }
```

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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