

Converting Colors

YIQ(175.1220, -65.8340,
-29.3700)

Have a look what the booklet for
YIQ(175.1220, -65.8340, -29.3700)
contains.

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Color

**YIQ(175.1220, -65.8340,
-29.3700)**

Conversions

Conversions Part 1

Format	Color
Hex	5ED4C6
RGB	94, 212, 198
RGB Percent	37%, 83%, 78%
CMY	0.6316, 0.1684, 0.2238
CMYK	0.56, 0.00, 0.07, 0.17
HSL	173°, 58%, 60%
HSV	173°, 56%, 83%
XYZ	38.3501, 53.5618, 61.7047
YIQ	175.1220, -65.8340, -29.3700

Conversions

Conversions Part 2

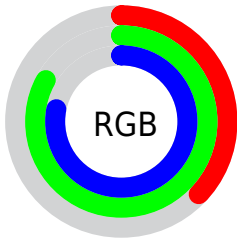
Format	Color
RYB	94, 157, 212
Decimal	6214854
CIELab	78.21, -36.59, -3.08
CIELCh	78, 36.718, 184.817
Yxy	53.5618, 0.2496, 0.3487
Android (android.graphics.Color)	4284404934 (0xFF5ED4C6)
YUV	175.1220, 11.2789, -71.1440
Hunter-Lab	73.1859, -34.5398, 1.2415

Details

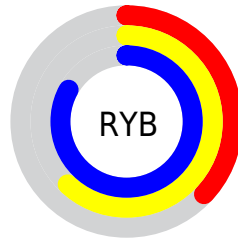
The YIQ color **175.1220, -65.8340, -29.3700** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **130.8780, 65.8340, 29.3700**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.8010, -60.1960, -21.4120**, and **113.3590, -79.8630, -33.9350** is the 20% darker color. If you saturate the color by 10%, you get **168.5010, -77.3870, -34.7550**, and if you desaturate by 10%, it is **181.6290, -53.9600, -24.2960**.

Distribution



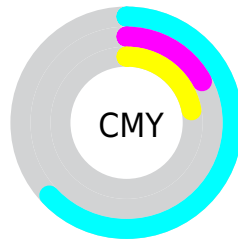
- Red (37%)
- Green (83%)
- Blue (78%)



- Red (37%)
- Yellow (62%)
- Blue (83%)



- Cyan (56%)
- Magenta (0%)
- Yellow (7%)
- Black (17%)



- Cyan (63%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.1220, -65.8340, -29.3700 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 175.1220, -65.8340, -29.3700 by changing the saturation by 10% instead.

■ 175.1220,
-65.8340, -29.3700

■ 175.1220,
-65.8340, -29.3700

■ 255.0000, -0.0000,
-0.0000

■ 145.7410,
-69.1350, -30.1190

■ 224.8010,
-60.1960, -21.4120

■ 113.3590,
-79.8630, -33.9350

■ 233.4720,
-42.9120, -15.2640

■ 89.8760, -73.9490,
-30.9810

■ 242.4420,
-25.0320, -8.9040

■ 72.3510, -59.0490,
-25.6810

■ 251.4120, -7.1520,
-2.5440

■ 54.9400, -44.4700,
-20.0700

■ 38.3440, -30.8080,
-14.3600

■ 24.2100, -18.5670,

-10.4310

■ 0.0000, 0.0000,
0.0000

■ 175.1220,
-65.8340, -29.3700

■ 175.1220,
-65.8340, -29.3700

■ 168.5010,
-77.3870, -34.7550

■ 181.6290,
-53.9600, -24.2960

■ 161.9940,
-89.2610, -39.8290

■ 188.2500,
-42.4070, -18.9110

■ 155.0740,
-101.4100, -45.4260

■ 195.1700,
-30.2580, -13.3140

■ 148.5670,
-113.2840, -50.5000

■ 201.6770,
-18.3840, -8.2400

■ 145.7620,
-118.3270, -52.7190

■ 208.2980, -6.8310,
-2.8550

■ 214.8050, 5.0430,
2.2190

■ 221.4260, 16.5960,
7.6040

■ 225.5410, 23.7020,
10.9820

■ 225.8830, 22.7390,
11.9150

Harmonies

Analogous

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



181.3310, -29.9340, -30.2060



175.1220, -65.8340, -29.3700



172.0180, -88.6680, -23.0360

Triad

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



175.1220, -65.8340, -29.3700



197.1020, -8.0740, 25.1900



193.4680, 51.1680, -2.2080

Complementary

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



175.1220, -65.8340, -29.3700



130.8780, 65.8340, 29.3700

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.



194.4060, 54.8790, 13.1430



175.1220, -65.8340, -29.3700



198.4450, 24.7530, 30.4890

Square

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



175.1220, -65.8340, -29.3700



189.8800, -43.1000, 10.1800



195.8200, 45.3860, 25.4980



190.6300, 32.5560, -17.3320

Rectangle

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



175.1220, -65.8340, -29.3700



176.0930, -84.0850, -12.4770



195.8200, 45.3860, 25.4980



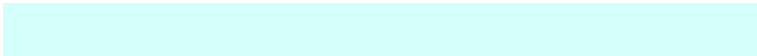
194.4840, 54.2390, 2.7110

Sweetspot

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



175.1220, -65.8340, -29.3700



241.5730, -24.0230, -10.6710



168.0500, -22.9140, -58.3220



119.7700, -14.2120, -6.7560



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.



175.1220, -65.8340, -29.3700



201.5910, -95.4960, -42.4720



151.4770, -58.5030, -2.5270



103.5970, -6.2350, -2.6430



117.4770, -95.1750, -42.7830



29.5730, -24.0230, -10.6710

Inverse Universe

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



130.8780, 65.8340, 29.3700



137.5230, 95.1750, 42.7830



154.5230, 58.5030, 2.5270



99.5170, 5.9140, 2.9540



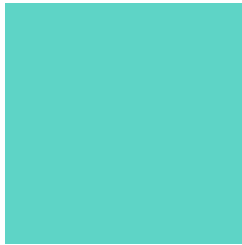
53.4090, 95.4960, 42.4720



13.4270, 24.0230, 10.6710

Previews

White Background



This preview shows how the YIQ color 175.1220, -65.8340, -29.3700 looks on a white background.

Color Contrast Check

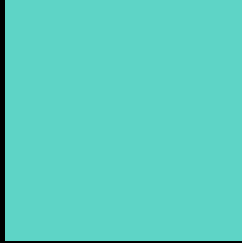
Large Text (above 18pt) WCAG AA × Fail

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 175.1220, -65.8340, -29.3700 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

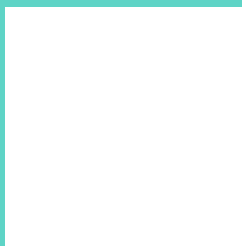
Any Text WCAG AAA ✓ Pass

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

YIQ 175.1220, -65.8340, -29.3700 Background



This preview shows how black text looks on a background with the YIQ color 175.1220, -65.8340, -29.3700.



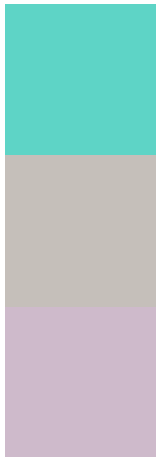
This preview shows how white text looks on a background with the YIQ color 175.1220, -65.8340, -29.3700.

-29.3700.

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

175.1220, -65.8340, -29.3700

Protanopia

192.2240, 5.1810, -0.2830

Deuteranopia

193.9180, 6.4630, 9.5270



Tritanopia

178.8420, -67.4410, -16.7610

Trichromacy



Original Color

175.1220, -65.8340, -29.3700



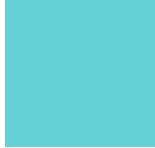
Protanomaly

186.3130, -20.3550, -11.0670



Deuteranomaly

186.7140, -19.8060, -4.4940



Tritanomaly

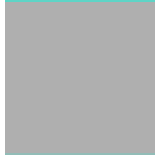
177.0930, -66.8900, -21.2420

Monochromacy



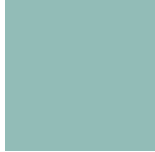
Original Color

175.1220, -65.8340, -29.3700



Achromatopsia

175.0000, -0.0000, -0.0000



Achromatomaly

174.8720, -23.4270, -10.4590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.1220, -65.8340, -29.3700 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(94, 212, 198)` looks like.

```
.text, #text, p{  
    color:rgb(94, 212, 198)  
}
```

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(94, 212, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 212, 198) }
```

Border

The CSS property to change the border of an element to YIQ 175.1220, -65.8340, -29.3700 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

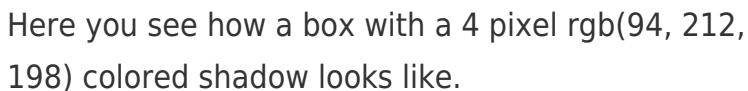
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(94, 212, 198) }
```


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

```
.border{ border-color:rgb(94, 212, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(94, 212, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(94, 212, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(94, 212, 198); box-shadow:4px 4px 4px 4px rgb(94, 212, 198) }
```

Background

The CSS property to change the background color of an element to YIQ 175.1220, -65.8340, -29.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 212, 198) }
```

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

```
.background{ background-color: rgb(94, 212,  
198) }
```

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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