

Converting Colors

YIQ(172.9160, -89.7620,
-58.2900)

Have a look what the booklet for
YIQ(172.9160, -89.7620, -58.2900)
contains.

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Color

**YIQ(172.9160, -89.7620,
-58.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	33EBAD
RGB	51, 235, 173
RGB Percent	20%, 92%, 68%
CMY	0.8004, 0.0781, 0.3219
CMYK	0.78, 0.00, 0.26, 0.08
HSL	160°, 82%, 56%
HSV	160°, 78%, 92%
XYZ	38.6248, 63.1756, 49.6537
YIQ	172.9160, -89.7620, -58.2900

Conversions

Conversions Part 2

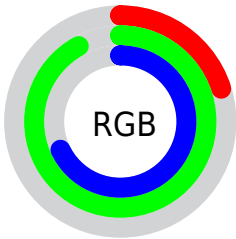
Format	Color
RYB	51, 162, 235
Decimal	3402669
CIELab	83.53, -58.68, 17.67
CIELCh	84, 61.281, 163.243
Yxy	63.1756, 0.2550, 0.4171
Android (android.graphics.Color)	4281592749 (0xFF33EBAD)
YUV	172.9160, 0.0414, -106.9203
Hunter-Lab	79.4831, -52.3534, 18.5993

Details

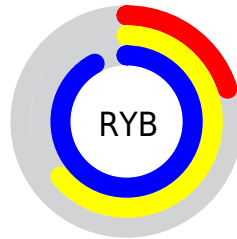
The YIQ color **172.9160, -89.7620, -58.2900** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **113.0840, 89.7620, 58.2900**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **213.4650, -68.5380, -35.4340**, and **118.1660, -87.4700, -55.7740** is the 20% darker color. If you saturate the color by 10%, you get **164.8280, -101.4980, -65.8660**, and if you desaturate by 10%, it is **180.7050, -78.6220, -50.9260**.

Distribution



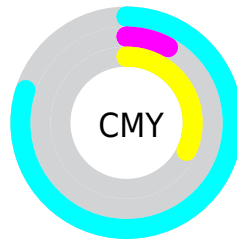
- Red (20%)
- Green (92%)
- Blue (68%)



- Red (20%)
- Yellow (64%)
- Blue (92%)



- Cyan (78%)
- Magenta (0%)
- Yellow (26%)
- Black (8%)



- Cyan (80%)
- Magenta (8%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.9160, -89.7620, -58.2900 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 172.9160, -89.7620, -58.2900 by changing the saturation by 10% instead.

■ 172.9160,
-89.7620, -58.2900

■ 172.9160,
-89.7620, -58.2900

■ 255.0000, -0.0000,
-0.0000

■ 137.5660,
-103.5160, -62.3320

■ 213.3510,
-68.2170, -35.7450

■ 118.1660,
-87.4700, -55.7740

■ 225.9970,
-57.8120, -20.5640

■ 98.8800, -71.7450,
-48.9050

■ 235.5650,
-38.7400, -13.7800

■ 80.9960, -57.2120,
-42.4600

■ 244.8340,
-20.2640, -7.2080

■ 62.5250, -42.4040,
-35.4920

■ 254.1030, -1.7880,
-0.6360

■ 45.3420, -28.4670,
-29.2590

■ 29.1050, -14.4380,

-24.6940

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,
0.0000

■ 172.9160,
-89.7620, -58.2900

■ 172.9160,
-89.7620, -58.2900

■ 164.8280,
-101.4980, -65.8660

■ 180.7050,
-78.6220, -50.9260

■ 157.0390,
-112.6380, -73.2300

■ 188.7930,
-66.8860, -43.3500

■ 155.7290,
-114.7010, -74.3890

■ 196.5820,
-55.7460, -35.9860

■ 204.6700,
-44.0100, -28.4100

■ 212.4590,
-32.8700, -21.0460

■ 220.5470,
-21.1340, -13.4700

■ 228.2220, -9.6730,
-6.4170

■ 236.3100, 2.0630,
1.1590

■ 242.0060, 9.0310,
7.0390

Harmonies

Analogous

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



192.7900, -10.0780, -48.6540



172.9160, -89.7620, -58.2900



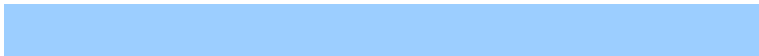
165.6810, -139.9680, -51.4880

Triad

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



172.9160, -89.7620, -58.2900



196.6360, -45.5290, 4.6390



192.2570, 62.3080, 5.1560

Complementary

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



172.9160, -89.7620, -58.2900



113.0840, 89.7620, 58.2900

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.



190.6680, 48.8700, 28.4380



172.9160, -89.7620, -58.2900



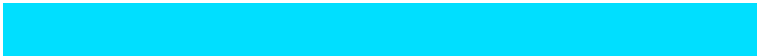
210.0450, 14.4360, 35.7480

Square

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



172.9160, -89.7620, -58.2900



159.9710, -143.1800, -37.3240



199.6280, 29.1520, 44.3840



201.0670, 67.8140, -17.5460

Rectangle

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



172.9160, -89.7620, -58.2900



167.6020, -146.7550, -44.1230



199.6280, 29.1520, 44.3840



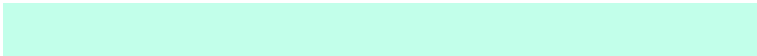
190.5590, 58.8220, 13.2700

Sweetspot

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



172.9160, -89.7620, -58.2900



234.3670, -29.6150, -19.4630



178.1440, -12.4560, -82.6640



115.4550, -17.8790, -11.8870



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.



172.9160, -89.7620, -58.2900



174.0060, -117.0390, -76.0710



163.5480, -101.9640, -24.3640



113.2550, -5.2720, -3.5760



119.9270, -88.2950, -57.3430



35.6880, -26.0850, -17.3570

Inverse Universe

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



113.0840, 89.7620, 58.2900



95.9940, 117.0390, 76.0710



122.4520, 101.9640, 24.3640



109.7450, 5.2720, 3.5760



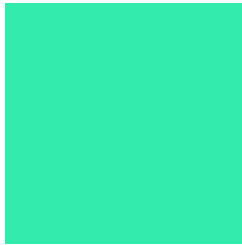
61.0730, 88.2950, 57.3430



18.1980, 26.4060, 17.0460

Previews

White Background



This preview shows how the YIQ color 172.9160, -89.7620, -58.2900 looks on a white background.

Color Contrast Check

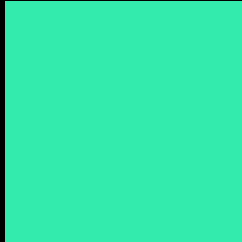
Large Text (above 18pt) WCAG AA × Fail

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 172.9160, -89.7620, -58.2900 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 172.9160, -89.7620, -58.2900 Background



This preview shows how black text looks on a background with the YIQ color 172.9160, -89.7620, -58.2900.



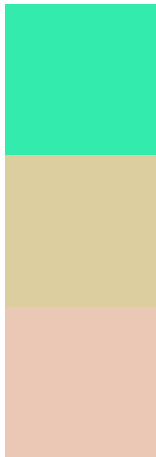
This preview shows how white text looks on a background with the YIQ color 172.9160, -89.7620, -58.2900.

-58.2900.

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

172.9160, -89.7620, -58.2900

Protanopia

204.8280, 23.4310, -11.6490

Deuteranopia

207.7120, 27.2340, 2.0340



Tritanopia

187.0890, -87.4300, -23.4460

Trichromacy



Original Color

172.9160, -89.7620, -58.2900



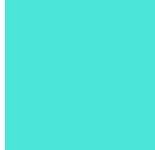
Protanomaly

193.6160, -17.5550, -28.7790



Deuteranomaly

194.9680, -15.3100, -19.9020



Tritanomaly

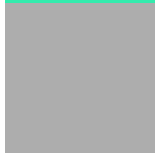
181.7000, -88.2530, -36.0690

Monochromacy



Original Color

172.9160, -89.7620, -58.2900



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

173.3450, -32.5490, -21.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9160, -89.7620, -58.2900 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(51, 235, 173)` looks like.

```
.text, #text, p{  
    color:rgb(51, 235, 173)  
}
```

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(51, 235, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 235, 173) }
```

Border

The CSS property to change the border of an element to YIQ 172.9160, -89.7620, -58.2900 is called "border".

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

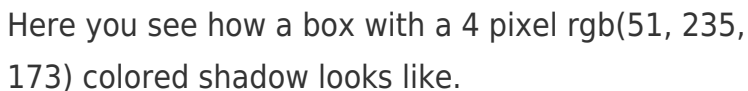
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(51, 235, 173) }
```


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

```
.border{ border-color:rgb(51, 235, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(51, 235, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 235, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 235, 173); box-shadow:4px 4px 4px 4px rgb(51, 235, 173) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9160, -89.7620, -58.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 235, 173) }
```

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

```
.background{ background-color: rgb(51, 235,  
173) }
```

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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