

Converting Colors

YIQ(172.7580, -67.8050,
-32.1970)

Have a look what the booklet for
YIQ(172.7580, -67.8050, -32.1970)
contains.

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Color

**YIQ(172.7580, -67.8050,
-32.1970)**

Conversions

Conversions Part 1

Format	Color
Hex	58D4C1
RGB	88, 212, 193
RGB Percent	35%, 83%, 76%
CMY	0.6552, 0.1684, 0.2434
CMYK	0.59, 0.00, 0.09, 0.17
HSL	171°, 59%, 59%
HSV	171°, 59%, 83%
XYZ	37.1920, 53.0313, 58.6900
YIQ	172.7580, -67.8050, -32.1970

Conversions

Conversions Part 2

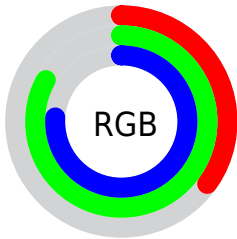
Format	Color
R_{YB}	88, 155, 212
Decimal	5821633
CIE Lab	77.89, -39.00, -0.88
CIE LCh	78, 39.010, 181.294
Yxy	53.0313, 0.2498, 0.3561
Android (android.graphics.Color)	4284011713 (0xFF58D4C1)
YUV	172.7580, 9.9793, -74.3328
Hunter-Lab	72.8226, -36.2758, 3.1921

Details

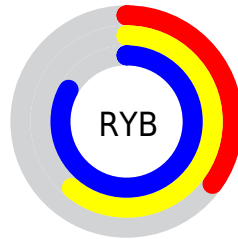
The YIQ color **172.7580, -67.8050, -32.1970** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **127.2420, 67.8050, 32.1970**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **222.6220, -61.2500, -24.3380**, and **108.1190, -88.1150, -38.5710** is the 20% darker color. If you saturate the color by 10%, you get **166.1370, -79.3580, -37.5820**, and if you desaturate by 10%, it is **179.3790, -56.2520, -26.8120**.

Distribution



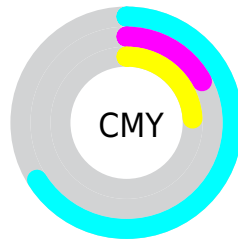
- Red (35%)
- Green (83%)
- Blue (76%)



- Red (35%)
- Yellow (61%)
- Blue (83%)



- Cyan (59%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (66%)
- Magenta (17%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.7580, -67.8050, -32.1970 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 172.7580, -67.8050, -32.1970 by changing the saturation by 10% instead.

■ 172.7580,
-67.8050, -32.1970

■ 172.7580,
-67.8050, -32.1970

■ 255.0000, -0.0000,
-0.0000

■ 143.0780,
-71.7020, -33.1580

■ 222.6220,
-61.2500, -24.3380

■ 108.1190,
-88.1150, -38.5710

■ 231.9770,
-45.8920, -16.3240

■ 89.3060, -72.3440,
-32.5360

■ 240.9470,
-28.0120, -9.9640

■ 71.3080, -57.4900,
-26.4020

■ 249.9170,
-10.1320, -3.6040

■ 54.4840, -43.1860,
-21.3140

■ 37.8880, -29.5240,
-15.6040

■ 23.2810, -17.3290,

-10.8410

■ 0.0000, 0.0000,
0.0000

■ 172.7580,
-67.8050, -32.1970

■ 172.7580,
-67.8050, -32.1970

■ 166.1370,
-79.3580, -37.5820

■ 179.3790,
-56.2520, -26.8120

■ 159.4020,
-90.5900, -43.2780

■ 186.0000,
-44.6990, -21.4270

■ 152.4820,
-102.7390, -48.8750

■ 193.0340,
-32.8710, -15.5190

■ 145.8610,
-114.2920, -54.2600

■ 199.6550,
-21.3180, -10.1340

■ 144.8500,
-115.7590, -55.2070

■ 206.2760, -9.7650,
-4.7490

■ 213.0110, 1.4670,
0.9470

■ 219.6320, 13.0200,
6.3320

■ 225.6550, 23.3810,
11.2930

■ 225.9970, 22.4180,
12.2260

Harmonies

Analogous

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



180.6470, -28.0080, -32.0720



172.7580, -67.8050, -32.1970



166.1090, -99.3500, -27.6860

Triad

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



172.7580, -67.8050, -32.1970



195.8780, -13.2550, 25.4730



192.5610, 55.3400, -0.7240

Complementary

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



172.7580, -67.8050, -32.1970



127.2420, 67.8050, 32.1970

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.



192.7590, 55.3830, 15.0230



172.7580, -67.8050, -32.1970



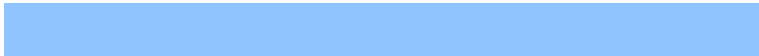
198.1290, 22.8270, 32.3550

Square

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



172.7580, -67.8050, -32.1970



187.1780, -49.9310, 7.3250



194.9880, 44.9730, 27.4770



190.0820, 37.0950, -16.9930

Rectangle

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



172.7580, -67.8050, -32.1970



170.7000, -96.2800, -17.2400



194.9880, 44.9730, 27.4770



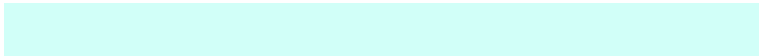
193.1040, 58.3650, 5.0290

Sweetspot

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



172.7580, -67.8050, -32.1970



240.4480, -25.1690, -11.9290



167.0670, -21.5840, -60.4000



118.7590, -15.6790, -7.7030



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.



172.7580, -67.8050, -32.1970



198.7000, -97.4210, -46.1330



150.8570, -62.6290, -4.8450



103.4830, -5.9140, -2.9540



116.9070, -93.5700, -44.3380



29.4590, -23.7020, -10.9820

Inverse Universe

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



127.2420, 67.8050, 32.1970



133.3000, 97.4210, 46.1330



149.1430, 62.6290, 4.8450



99.5170, 5.9140, 2.9540



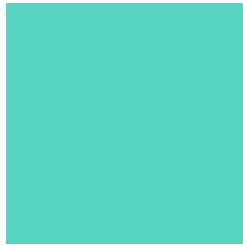
54.0930, 93.5700, 44.3380



13.6550, 23.3810, 11.2930

Previews

White Background



This preview shows how the YIQ color 172.7580, -67.8050, -32.1970 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 172.7580, -67.8050, -32.1970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

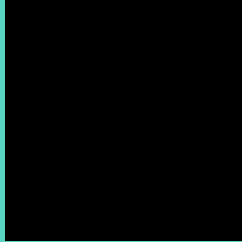
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

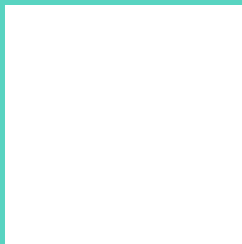
Any Text WCAG AAA ✓ Pass

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

YIQ 172.7580, -67.8050, -32.1970 Background



This preview shows how black text looks on a background with the YIQ color 172.7580, -67.8050, -32.1970.



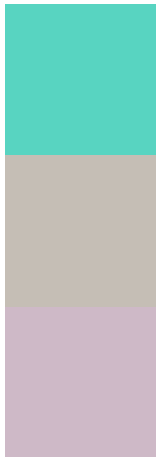
This preview shows how white text looks on a background with the YIQ color 172.7580, -67.8050, -32.1970.

-32.1970.

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

172.7580, -67.8050, -32.1970

Protanopia

191.0670, 7.0610, -1.3150

Deuteranopia

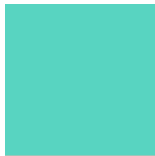
192.8750, 8.0220, 8.8060



Tritanopia

176.9450, -69.2290, -17.3970

Trichromacy



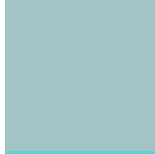
Original Color

172.7580, -67.8050, -32.1970



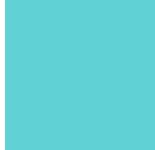
Protanomaly

184.2590, -20.2630, -12.7350



Deuteranomaly

185.6600, -19.7140, -6.1620



Tritanomaly

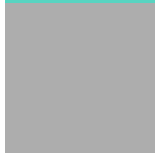
175.6690, -68.6320, -22.7120

Monochromacy



Original Color

172.7580, -67.8050, -32.1970



Achromatopsia

173.0000, -0.0000, 0.0000



Achromatomaly

172.7470, -24.5730, -11.7170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.7580, -67.8050, -32.1970 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(88, 212, 193)` looks like.

```
.text, #text, p{  
    color:rgb(88, 212, 193)  
}
```

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(88, 212, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 212, 193) }
```

Border

The CSS property to change the border of an element to YIQ 172.7580, -67.8050, -32.1970 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(88, 212, 193) }
```


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

```
.border{ border-color:rgb(88, 212, 193) }
```

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

Here you see how a box with a 4 pixel rgb(88, 212, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 212, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 212, 193);  
box-shadow:4px 4px 4px 4px rgb(88, 212,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 172.7580, -67.8050, -32.1970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 212, 193) }
```

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

```
.background{ background-color: rgb(88, 212,  
193) }
```

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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