

Converting Colors

YIQ(182.8220, -73.8570,
-32.6490)

Have a look what the booklet for
YIQ(182.8220, -73.8570, -32.6490)
contains.

YIQ(182.8220, -73.8570, -32.6490)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(182.8220, -73.8570,
-32.6490)**

Conversions

Conversions Part 1

Format	Color
Hex	5CE0D1
RGB	92, 224, 209
RGB Percent	36%, 88%, 82%
CMY	0.6395, 0.1213, 0.1807
CMYK	0.59, 0.00, 0.07, 0.12
HSL	173°, 68%, 62%
HSV	173°, 59%, 88%
XYZ	42.5757, 60.2121, 69.6531
YIQ	182.8220, -73.8570, -32.6490

Conversions

Conversions Part 2

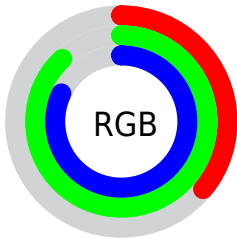
Format	Color
RYB	92, 162, 224
Decimal	6086865
CIELab	81.95, -39.64, -3.44
CIElCh	82, 39.792, 184.964
Yxy	60.2121, 0.2469, 0.3492
Android (android.graphics.Color)	4284276945 (0xFF5CE0D1)
YUV	182.8220, 12.9058, -79.6509
Hunter-Lab	77.5964, -37.8542, 1.0968

Details

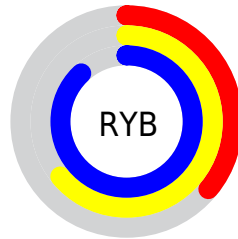
The YIQ color **182.8220, -73.8570, -32.6490** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **133.1780, 73.8570, 32.6490**, and the grayscale version is **183.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.8010, -60.1960, -21.4120**, and **116.2860, -95.9550, -39.6590** is the 20% darker color. If you saturate the color by 10%, you get **175.9020, -86.0060, -38.2460**, and if you desaturate by 10%, it is **189.6280, -61.3870, -27.3630**.

Distribution



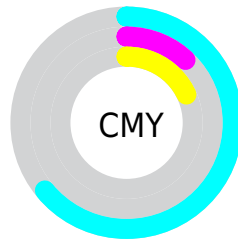
- Red (36%)
- Green (88%)
- Blue (82%)



- Red (36%)
- Yellow (64%)
- Blue (88%)



- Cyan (59%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



- Cyan (64%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 182.8220, -73.8570, -32.6490 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 182.8220, -73.8570, -32.6490 by changing the saturation by 10% instead.

■ 182.8220,
-73.8570, -32.6490

■ 182.8220,
-73.8570, -32.6490

■ 255.0000, -0.0000,
-0.0000

■ 152.7290,
-78.0290, -34.1330

■ 224.8010,
-60.1960, -21.4120

■ 116.2860,
-95.9550, -39.6590

■ 233.7710,
-42.3160, -15.0520

■ 97.4730, -80.1840,
-33.6240

■ 242.7410,
-24.4360, -8.6920

■ 79.3610, -65.0090,
-27.8010

■ 252.0100, -5.9600,
-2.1200

■ 61.9500, -50.4300,
-22.1900

■ 44.6530, -36.1720,
-16.2680

■ 29.2310, -23.0600,

-11.6040

■ 9.9280, -8.6650,
-2.6570

■ 0.0000, 0.0000,
0.0000

■ 182.8220,
-73.8570, -32.6490

■ 182.8220,
-73.8570, -32.6490

■ 175.9020,
-86.0060, -38.2460

■ 189.6280,
-61.3870, -27.3630

■ 168.7970,
-99.0720, -43.7440

■ 196.8470,
-48.6420, -21.5540

■ 161.8770,
-111.2210, -49.3410

■ 203.7670,
-36.4930, -15.9570

■ 154.7720,
-124.2870, -54.8390

■ 210.8720,
-23.4270, -10.4590

■ 154.0600,
-125.1580, -55.5740

■ 217.7920,
-11.2780, -4.8620

■ 224.5980, 1.1920,
0.4240

■ 231.8170, 13.9370,
6.2330

■ 233.8390, 16.8710,
8.1270

■ 234.1810, 15.9080,
9.0600

Harmonies

Analogous

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



190.4830, -33.4180, -33.1460



182.8220, -73.8570, -32.6490



177.6790, -100.9550, -26.1310

Triad

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



182.8220, -73.8570, -32.6490



206.6570, -5.3230, 24.8930



203.9800, 55.4780, -3.2260

Complementary

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



182.8220, -73.8570, -32.6490



133.1780, 73.8570, 32.6490

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.



200.4870, 50.1570, 10.6130



182.8220, -73.8570, -32.6490



208.8090, 26.7240, 33.3160

Square

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



182.8220, -73.8570, -32.6490



197.8430, -41.6780, 6.4340



201.6560, 39.9760, 24.4240



201.1310, 35.3990, -19.2970

Rectangle

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



182.8220, -73.8570, -32.6490



182.7390, -92.0160, -17.4240



201.6560, 39.9760, 24.4240



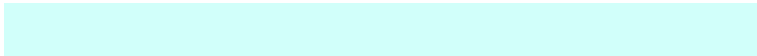
202.4300, 54.3310, 1.0430

Sweetspot

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



182.8220, -73.8570, -32.6490



240.6760, -25.8110, -11.3070



173.9690, -27.3600, -65.8560



118.8730, -16.0000, -7.3920



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.



182.8220, -73.8570, -32.6490



198.4870, -101.1350, -44.9030



154.5950, -64.6470, -1.3110



108.5970, -6.2350, -2.6430



121.0960, -98.4760, -43.5320



33.0780, -27.0030, -11.7310

Inverse Universe

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



133.1780, 73.8570, 32.6490



130.5130, 101.1350, 44.9030



161.4050, 64.6470, 1.3110



104.4030, 6.2350, 2.6430



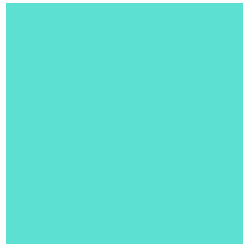
54.9040, 98.4760, 43.5320



15.0360, 26.6820, 12.0420

Previews

White Background



This preview shows how the YIQ color 182.8220, -73.8570, -32.6490 looks on a white background.

Color Contrast Check

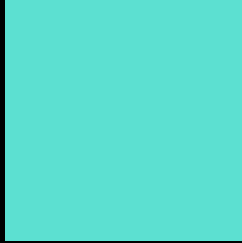
Large Text (above 18pt) WCAG AA × Fail

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 182.8220, -73.8570, -32.6490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

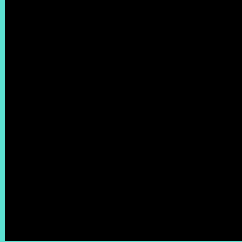
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

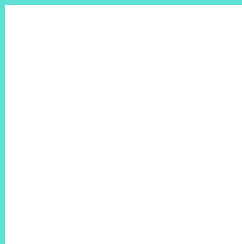
Any Text WCAG AAA ✓ Pass

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

YIQ 182.8220, -73.8570, -32.6490 Background



This preview shows how black text looks on a background with the YIQ color 182.8220, -73.8570, -32.6490.



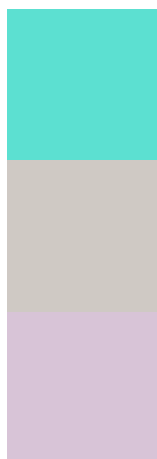
This preview shows how white text looks on a background with the YIQ color 182.8220, -73.8570, -32.6490.

-32.6490.

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

182.8220, -73.8570, -32.6490

Protanopia

202.2240, 5.1810, -0.2830

Deuteranopia

204.1460, 5.8210, 10.1490



Tritanopia

187.0690, -75.5100, -19.2060

Trichromacy



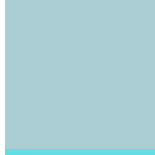
Original Color

182.8220, -73.8570, -32.6490



Protanomaly

194.9320, -23.6560, -11.8160



Deuteranomaly

196.3330, -23.1070, -5.2430



Tritanomaly

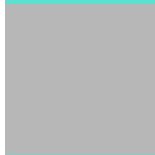
185.2060, -74.6380, -23.9980

Monochromacy



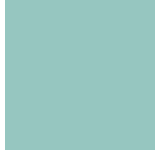
Original Color

182.8220, -73.8570, -32.6490



Achromatopsia

183.0000, -0.0000, -0.0000



Achromatomaly

182.9640, -26.6820, -12.0420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 182.8220, -73.8570, -32.6490 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(92, 224, 209)` looks like.

```
.text, #text, p{  
    color:rgb(92, 224, 209)  
}
```

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(92, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 224, 209) }
```

Border

The CSS property to change the border of an element to YIQ 182.8220, -73.8570, -32.6490 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(92, 224, 209) }
```


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

```
.border{ border-color:rgb(92, 224, 209) }
```

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

Here you see how a box with a 4 pixel rgb(92, 224, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(92, 224,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 182.8220, -73.8570, -32.6490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 224, 209) }
```

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

```
.background{ background-color: rgb(92, 224,  
209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor