

Converting Colors

YIQ(171.8830, -75.8270,
-41.0030)

Have a look what the booklet for
YIQ(171.8830, -75.8270, -41.0030)
contains.

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Color

**YIQ(171.8830, -75.8270,
-41.0030)**

Conversions

Conversions Part 1

Format	Color
Hex	4ADBBA
RGB	74, 219, 186
RGB Percent	29%, 86%, 73%
CMY	0.7101, 0.1409, 0.2709
CMYK	0.66, 0.00, 0.15, 0.14
HSL	166°, 67%, 57%
HSV	166°, 66%, 86%
XYZ	37.0197, 55.6891, 55.2132
YIQ	171.8830, -75.8270, -41.0030

Conversions

Conversions Part 2

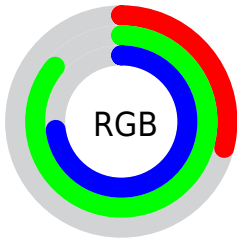
Format	Color
RYB	74, 156, 219
Decimal	4905914
CIELab	79.44, -46.22, 5.06
CIElCh	79, 46.493, 173.753
Yxy	55.6891, 0.2503, 0.3765
Android (android.graphics.Color)	4283095994 (0xFF4ADBBA)
YUV	171.8830, 6.9597, -85.8434
Hunter-Lab	74.6252, -42.0445, 8.3705

Details

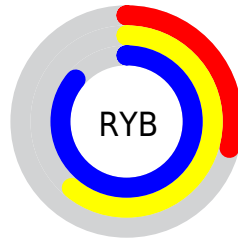
The YIQ color **171.8830, -75.8270, -41.0030** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **121.1170, 75.8270, 41.0030**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.5350, -65.5590, -28.8470**, and **110.8430, -87.5180, -43.8860** is the 20% darker color. If you saturate the color by 10%, you get **164.7350, -87.3340, -47.2220**, and if you desaturate by 10%, it is **179.0310, -64.3200, -34.7840**.

Distribution



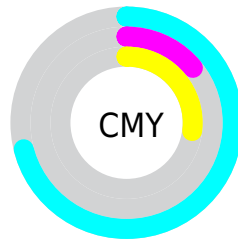
- Red (29%)
- Green (86%)
- Blue (73%)



- Red (29%)
- Yellow (61%)
- Blue (86%)



- Cyan (66%)
- Magenta (0%)
- Yellow (15%)
- Black (14%)



- Cyan (71%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.8830, -75.8270, -41.0030 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 171.8830, -75.8270, -41.0030 by changing the saturation by 10% instead.

■ 171.8830,
-75.8270, -41.0030

■ 171.8830,
-75.8270, -41.0030

■ 255.0000, -0.0000,
-0.0000

■ 139.5120,
-85.0880, -43.8720

■ 218.5350,
-65.5590, -28.8470

■ 110.8430,
-87.5180, -43.8860

■ 229.2860,
-51.2560, -18.2320

■ 92.1440, -72.0680,
-37.5400

■ 238.2560,
-33.3760, -11.8720

■ 74.0320, -56.8930,
-31.7170

■ 247.5250,
-14.9000, -5.3000

■ 56.7350, -42.6350,
-25.7950

■ 39.6660, -29.0190,
-19.2510

■ 24.9450, -16.5030,

-14.7990

■ 0.0000, 0.0000,
0.0000

■ 171.8830,
-75.8270, -41.0030

■ 171.8830,
-75.8270, -41.0030

■ 164.7350,
-87.3340, -47.2220

■ 179.0310,
-64.3200, -34.7840

■ 157.5870,
-98.8410, -53.4410

■ 186.1790,
-52.8130, -28.5650

■ 150.4390,
-110.3480, -59.6600


■ 193.3270,
-41.3060, -22.3460


■ 147.8190,
-114.4740, -61.9780


■ 200.4750,
-29.7990, -16.1270

■ 207.3240,
-18.8880, -10.1200

 214.4720, -7.3810,
-3.9010

 221.6200, 4.1260,
2.3180

 228.7680, 15.6330,
8.5370

 231.1320, 17.6040,
11.3640

Harmonies

Analogous

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



183.5950, -22.2300, -37.6700



171.8830, -75.8270, -41.0030



154.7730, -134.0550, -43.0070

Triad

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



171.8830, -75.8270, -41.0030



196.2250, -21.7820, 20.3140



194.1490, 62.4920, 1.8200

Complementary

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



171.8830, -75.8270, -41.0030



121.1170, 75.8270, 41.0030

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.



191.2090, 54.2360, 19.2920



171.8830, -75.8270, -41.0030



202.2950, 16.7280, 38.2640

Square

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



171.8830, -75.8270, -41.0030



182.3060, -71.2030, -3.6430



195.6380, 40.3870, 33.4990



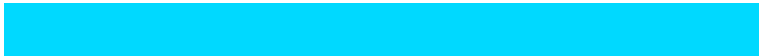
194.0250, 50.4370, -16.4990

Rectangle

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



171.8830, -75.8270, -41.0030



156.4490, -141.5300, -34.1860



195.6380, 40.3870, 33.4990



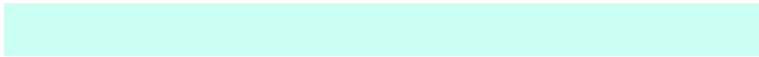
192.4680, 60.3360, 7.8560

Sweetspot

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



171.8830, -75.8270, -41.0030



238.3830, -26.5440, -14.5440



169.2810, -19.6110, -68.6270



117.9330, -16.2290, -8.7490



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.



171.8830, -75.8270, -41.0030



188.6460, -106.4970, -57.8650



152.7520, -75.6950, -10.3430



106.3690, -5.5930, -3.2650



116.8270, -90.5890, -48.8050



30.9920, -23.8850, -13.1730

Inverse Universe

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



121.1170, 75.8270, 41.0030



117.3540, 106.4970, 57.8650



140.2480, 75.6950, 10.3430



102.5170, 5.9140, 2.9540



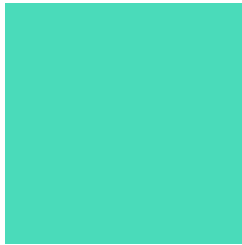
56.2870, 90.2680, 49.1160



14.8940, 24.2060, 12.8620

Previews

White Background



This preview shows how the YIQ color 171.8830, -75.8270, -41.0030 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 171.8830, -75.8270, -41.0030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

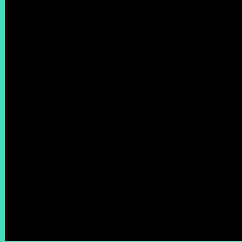
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

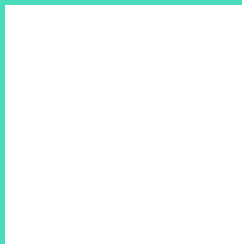
Any Text WCAG AAA ✓ Pass

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

YIQ 171.8830, -75.8270, -41.0030 Background



This preview shows how black text looks on a background with the YIQ color 171.8830, -75.8270, -41.0030.



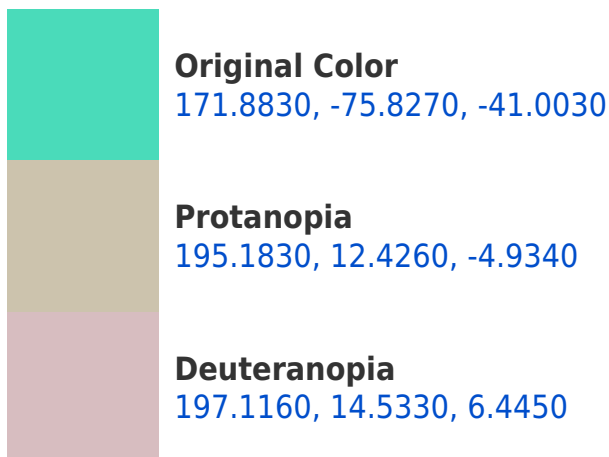
This preview shows how white text looks on a background with the YIQ color 171.8830, -75.8270, -41.0030.

-41.0030.

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





Tritanopia

179.0580, -76.9770, -20.1530

Trichromacy



Original Color

171.8830, -75.8270, -41.0030



Protanomaly

186.9830, -19.6660, -18.0500



Deuteranomaly

188.0960, -18.2460, -10.7420



Tritanomaly

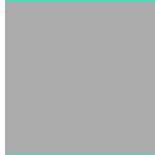
176.3150, -76.5630, -27.6590

Monochromacy



Original Color

171.8830, -75.8270, -41.0030



Achromatopsia

172.0000, -0.0000, -0.0000



Achromatomaly

171.7850, -27.7360, -14.9680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.8830, -75.8270, -41.0030 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(74, 219, 186)` looks like.

```
.text, #text, p{  
    color:rgb(74, 219, 186)  
}
```

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(74, 219, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 219, 186) }
```

Border

The CSS property to change the border of an element to YIQ 171.8830, -75.8270, -41.0030 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(74, 219, 186) }
```


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

```
.border{ border-color:rgb(74, 219, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 219, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(74, 219, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(74, 219, 186); box-shadow:4px 4px 4px 4px rgb(74, 219, 186) }
```

Background

The CSS property to change the background color of an element to YIQ 171.8830, -75.8270, -41.0030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 219, 186) }
```

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

```
.background{ background-color: rgb(74, 219,  
186) }
```

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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