

Converting Colors

YIQ(135.8370, -78.2130,
-30.7970)

Have a look what the booklet for
YIQ(135.8370, -78.2130, -30.7970)
contains.

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Color

**YIQ(135.8370, -78.2130,
-30.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	2AB1AA
RGB	42, 177, 170
RGB Percent	16%, 69%, 67%
CMY	0.8356, 0.3056, 0.3336
CMYK	0.76, 0.00, 0.04, 0.31
HSL	177°, 62%, 43%
HSV	177°, 76%, 69%
XYZ	23.9331, 34.8565, 43.4582
YIQ	135.8370, -78.2130, -30.7970

Conversions

Conversions Part 2

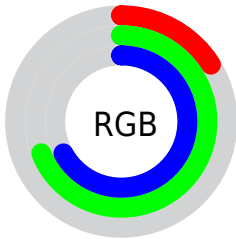
Format	Color
RYB	42, 111, 177
Decimal	2797994
CIELab	65.64, -36.15, -6.50
CIELCh	66, 36.727, 190.195
Yxy	34.8565, 0.2341, 0.3409
Android (android.graphics.Color)	4280988074 (0xFF2AB1AA)
YUV	135.8370, 16.8424, -82.2950
Hunter-Lab	59.0394, -30.9594, -2.3151

Details

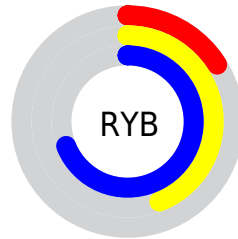
The YIQ color **135.8370, -78.2130, -30.7970** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **83.1630, 78.2130, 30.7970**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **195.6100, -70.1440, -28.3520**, and **86.2400, -71.9780, -28.1540** is the 20% darker color. If you saturate the color by 10%, you get **130.3410, -88.6200, -34.9240**, and if you desaturate by 10%, it is **141.3330, -67.8060, -26.6700**.

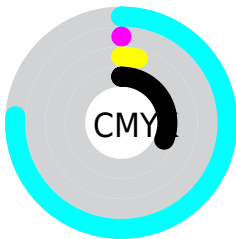
Distribution



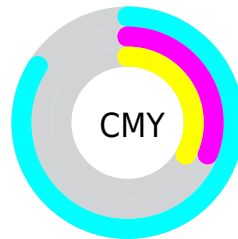
- Red (16%)
- Green (69%)
- Blue (67%)



- Red (16%)
- Yellow (44%)
- Blue (69%)



- Cyan (76%)
- Magenta (0%)
- Yellow (4%)
- Black (31%)





- Cyan (84%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.8370, -78.2130, -30.7970 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 135.8370, -78.2130, -30.7970 by changing the saturation by 10% instead.


 135.8370,
-78.2130, -30.7970


 135.8370,
-78.2130, -30.7970


 255.0000, -0.0000,
-0.0000

 104.3520,
-87.1530, -33.9770


 195.6100,
-70.1440, -28.3520


 86.2400, -71.9780,
-28.1540


 220.8000,
-67.6230, -24.4790


 68.1280, -56.8030,
-22.3310


 229.8840,
-50.0640, -17.8080

 51.4180, -42.8200,
-16.9320

 238.8540,
-32.1840, -11.4480

 34.8220, -29.1580,
-11.2220

 247.8240,
-14.3040, -5.0880

 20.1010, -16.6420,
-6.7700

 0.0000, 0.0000,

0.0000

■ 135.8370,
-78.2130, -30.7970

■ 135.8370,
-78.2130, -30.7970

■ 130.3410,
-88.6200, -34.9240

■ 141.3330,
-67.8060, -26.6700

■ 125.1440,
-98.4310, -38.8390

■ 146.5300,
-57.9950, -22.7550

■ 123.0510,
-102.6030, -40.3230

■ 152.0260,
-47.5880, -18.6280

■ 157.5220,
-37.1810, -14.5010

■ 162.7190,
-27.3700, -10.5860

■ 168.2150,
-16.9630, -6.4590

■ 173.5970, -6.2350,
-2.6430

■ 179.0930, 4.1720,
1.4840

■ 184.2900, 13.9830,
5.3990

Harmonies

Analogous

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



145.7370, -36.9490, -29.7250



135.8370, -78.2130, -30.7970



125.6390, -112.6460, -29.0140

Triad

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



135.8370, -78.2130, -30.7970



163.4510, -1.7470, 26.1650



159.0220, 46.4920, -5.5720

Complementary

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



135.8370, -78.2130, -30.7970



83.1630, 78.2130, 30.7970

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.



160.6400, 54.1000, 10.7400



135.8370, -78.2130, -30.7970



163.9570, 29.0630, 29.4710

Square

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



135.8370, -78.2130, -30.7970



157.7390, -38.1490, 14.0670



162.3210, 48.2290, 23.5330



156.0530, 26.8710, -18.9290

Rectangle

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



135.8370, -78.2130, -30.7970



139.6520, -87.1570, -11.8690



162.3210, 48.2290, 23.5330



159.3370, 50.1590, -0.4410

Sweetspot

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



135.8370, -78.2130, -30.7970



213.8110, -30.6250, -12.1690



123.9360, -31.7610, -68.6970



105.2040, -18.4300, -7.4060



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135.8370, -78.2130, -30.7970



165.2440, -122.5000, -48.6760



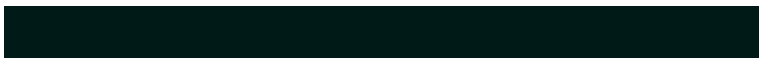
102.5890, -64.5100, 1.7140



86.3090, -5.3640, -1.9080



106.3410, -88.6200, -34.9240



17.9980, -14.8540, -6.1340

Inverse Universe

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



83.1630, 78.2130, 30.7970



82.7560, 122.5000, 48.6760



116.4110, 64.5100, -1.7140



82.8050, 5.0430, 2.2190



46.6590, 88.6200, 34.9240



7.8880, 15.1750, 5.8230

Previews

White Background



This preview shows how the YIQ color 135.8370, -78.2130, -30.7970 looks on a white background.

Color Contrast Check

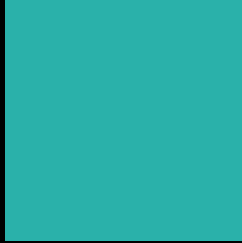
Large Text (above 18pt) WCAG AA × Fail

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 135.8370, -78.2130, -30.7970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

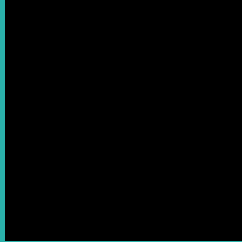
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

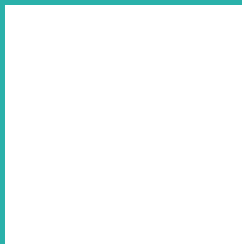
Any Text WCAG AAA ✓ Pass

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

YIQ 135.8370, -78.2130, -30.7970 Background



This preview shows how black text looks on a background with the YIQ color 135.8370, -78.2130, -30.7970.



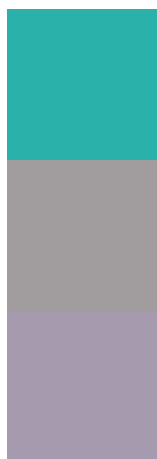
This preview shows how white text looks on a background with the YIQ color 135.8370, -78.2130, -30.7970.

-30.7970.

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

135.8370, -78.2130, -30.7970

Protanopia

158.3100, 2.0630, 1.1590

Deuteranopia

159.9820, 0.4110, 9.0750



Tritanopia

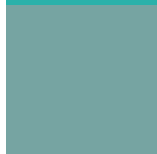
140.0150, -75.4180, -20.8740

Trichromacy



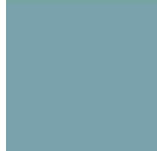
Original Color

135.8370, -78.2130, -30.7970



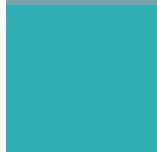
Protanomaly

150.0180, -26.7740, -10.3740



Deuteranomaly

150.9950, -27.9670, -5.2710



Tritanomaly

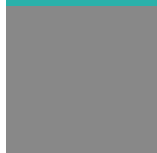
138.3090, -76.4260, -24.6340

Monochromacy



Original Color

135.8370, -78.2130, -30.7970



Achromatopsia

136.0000, -0.0000, 0.0000



Achromatomaly

136.0070, -28.2410, -11.3210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.8370, -78.2130, -30.7970 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(42, 177, 170)` looks like.

```
.text, #text, p{  
    color:rgb(42, 177, 170)  
}
```

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(42, 177, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 177, 170) }
```

Border

The CSS property to change the border of an element to YIQ 135.8370, -78.2130, -30.7970 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(42, 177, 170) }
```


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

```
.border{ border-color:rgb(42, 177, 170) }
```

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

Here you see how a box with a 4 pixel rgb(42, 177, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 177, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 177, 170);  
box-shadow:4px 4px 4px 4px rgb(42, 177,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 135.8370, -78.2130, -30.7970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 177, 170) }
```

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

```
.background{ background-color: rgb(42, 177,  
170) }
```

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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