

Converting Colors

YIQ(202.9480, -29.7530,
-16.9610)

Have a look what the booklet for
YIQ(202.9480, -29.7530, -16.9610)
contains.

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Color

**YIQ(202.9480, -29.7530,
-16.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	A4DECF
RGB	164, 222, 207
RGB Percent	64%, 87%, 81%
CMY	0.3570, 0.1293, 0.1883
CMYK	0.26, 0.00, 0.07, 0.13
HSL	164°, 47%, 76%
HSV	164°, 26%, 87%
XYZ	52.6890, 64.6477, 68.7153
YIQ	202.9480, -29.7530, -16.9610

Conversions

Conversions Part 2

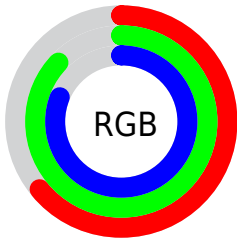
Format	Color
RYB	164, 197, 222
Decimal	10804943
CIELab	84.30, -21.60, 1.38
CIELCh	84, 21.643, 176.337
Yxy	64.6477, 0.2832, 0.3475
Android (android.graphics.Color)	4288995023 (0xFFA4DECF)
YUV	202.9480, 1.9976, -34.1574
Hunter-Lab	80.4038, -23.7347, 5.6117

Details

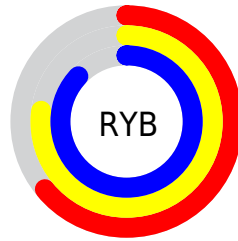
The YIQ color **202.9480, -29.7530, -16.9610** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **183.0520, 29.7530, 16.9610**, and the grayscale version is **203.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **244.5350, -20.8600, -7.4200**, and **148.6600, -28.8820, -16.2260** is the 20% darker color. If you saturate the color by 10%, you get **195.6860, -40.9390, -23.4910**, and if you desaturate by 10%, it is **210.2100, -18.5670, -10.4310**.

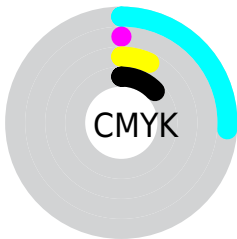
Distribution



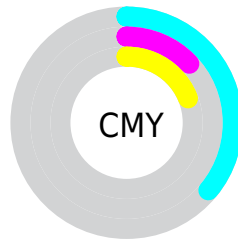
- Red (64%)
- Green (87%)
- Blue (81%)



- Red (64%)
- Yellow (77%)
- Blue (87%)



- Cyan (26%)
- Magenta (0%)
- Yellow (7%)
- Black (13%)



- Cyan (36%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 202.9480, -29.7530, -16.9610 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 202.9480, -29.7530, -16.9610 by changing the saturation by 10% instead.

■ 202.9480,
-29.7530, -16.9610

■ 202.9480,
-29.7530, -16.9610

■ 255.0000, -0.0000,
-0.0000

■ 175.2470,
-29.1570, -16.7490

■ 244.5350,
-20.8600, -7.4200

■ 148.6600,
-28.8820, -16.2260

■ 253.2060, -3.5760,
-1.2720

■ 122.0730,
-28.6070, -15.7030

■ 96.7740, -29.2030,
-15.9150

■ 71.8880, -29.5240,
-15.6040

■ 45.9090, -34.0170,
-16.7770

■ 29.1170, -22.7390,

-11.9150

■ 15.3420, -10.1310,
-9.1310

■ 0.0000, 0.0000,
0.0000

■ 202.9480,
-29.7530, -16.9610

■ 202.9480,
-29.7530, -16.9610

■ 195.6860,
-40.9390, -23.4910

■ 210.2100,
-18.5670, -10.4310

■ 188.4240,
-52.1250, -30.0210

■ 217.3580, -7.0600,
-4.2120

■ 180.9770,
-64.2280, -36.4520

■ 224.9190, 4.7220,
2.5300

■ 173.7150,
-75.4140, -42.9820

■ 232.1810, 15.9080,
9.0600

■ 166.4530,
-86.6000, -49.5120

■ 233.4630, 15.1740,
11.3500

■ 159.1910,
-97.7860, -56.0420

■ 234.1470, 13.2480,
13.2160

■ 152.0430,
-109.2930, -62.2610

■ 234.7170, 11.6430,
14.7710

■ 149.0100,
-113.6940, -65.1020

■ 235.4010, 9.7170,
16.6370

■ 235.6290, 9.0750,
17.2590

Harmonies

Analogous

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



205.1750, -11.4590, -18.1070



202.9480, -29.7530, -16.9610



202.6510, -41.8580, -12.3380

Triad

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



202.9480, -29.7530, -16.9610



212.1690, -10.1810, 13.8110



212.0070, 33.6530, 1.3410

Complementary

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



202.9480, -29.7530, -16.9610



183.0520, 29.7530, 16.9610

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.



213.2880, 34.6600, 10.6280



202.9480, -29.7530, -16.9610



214.2270, 10.2670, 17.6830

Square

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



202.9480, -29.7530, -16.9610



208.6610, -29.4820, 5.6700



213.8990, 25.8100, 16.8340



209.9470, 24.7140, -7.3660

Rectangle

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



202.9480, -29.7530, -16.9610



203.6280, -43.0510, -7.2350



213.8990, 25.8100, 16.8340



212.5990, 34.9820, 4.7900

Sweetspot

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



202.9480, -29.7530, -16.9610



248.4500, -10.3150, -5.7950



202.5310, -7.0100, -27.1540



123.6570, -6.4640, -4.0000



0.0000, 0.0000, 0.0000



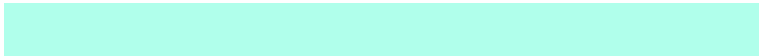
128.0000, -0.0000, -0.0000

Same Dimension

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



202.9480, -29.7530, -16.9610



229.0990, -40.6640, -22.9680



196.4400, -30.7180, -4.9740



108.3690, -5.5930, -3.2650



118.1320, -90.1300, -51.6180



32.2800, -24.7560, -13.9080

Inverse Universe

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



183.0520, 29.7530, 16.9610



201.9010, 40.6640, 22.9680



189.5600, 30.7180, 4.9740



104.6310, 5.5930, 3.2650



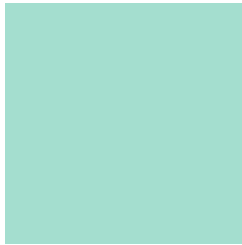
57.8680, 90.1300, 51.6180



15.8340, 24.4350, 14.2190

Previews

White Background



This preview shows how the YIQ color 202.9480, -29.7530, -16.9610 looks on a white background.

Color Contrast Check

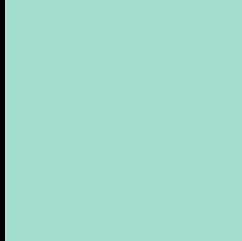
Large Text (above 18pt) WCAG AA × Fail

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 202.9480, -29.7530, -16.9610 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

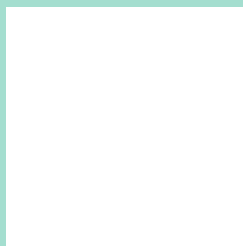
Any Text WCAG AAA ✓ Pass

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

YIQ 202.9480, -29.7530, -16.9610 Background



This preview shows how black text looks on a background with the YIQ color 202.9480, -29.7530, -16.9610.



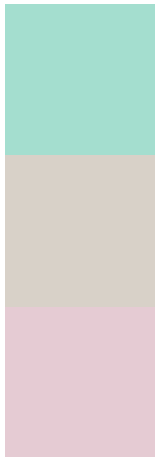
This preview shows how white text looks on a background with the YIQ color 202.9480, -29.7530, -16.9610.

-16.9610.

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

202.9480, -29.7530, -16.9610

Protanopia

210.0670, 7.0610, -1.3150

Deuteranopia

211.6860, 12.9280, 8.0000



Tritanopia

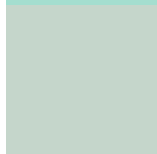
205.5860, -34.0650, -4.8890

Trichromacy



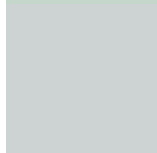
Original Color

202.9480, -29.7530, -16.9610



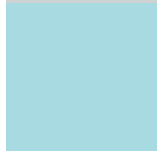
Protanomaly

207.6630, -6.6010, -7.0250



Deuteranomaly

208.5050, -2.9800, -1.0600



Tritanomaly

204.4350, -32.3220, -8.9460

Monochromacy



Original Color

202.9480, -29.7530, -16.9610



Achromatopsia

203.0000, 0.0000, -0.0000



Achromatomaly

203.0370, -10.5900, -6.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 202.9480, -29.7530, -16.9610 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(164, 222, 207)` looks like.

```
.text, #text, p{  
    color:rgb(164, 222, 207)  
}
```

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(164, 222, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 222, 207) }
```

Border

The CSS property to change the border of an element to YIQ 202.9480, -29.7530, -16.9610 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(164, 222, 207) }
```


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

```
.border{ border-color:rgb(164, 222, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 222, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(164, 222, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(164, 222, 207); box-shadow:4px 4px 4px 4px rgb(164, 222, 207) }
```

Background

The CSS property to change the background color of an element to YIQ 202.9480, -29.7530, -16.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 222, 207) }
```

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

```
.background{ background-color: rgb(164,  
222, 207) }
```

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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