

Converting Colors

YIQ(203.5780, -31.5870,
-16.7630)

Have a look what the booklet for
YIQ(203.5780, -31.5870, -16.7630)
contains.

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Color

**YIQ(203.5780, -31.5870,
-16.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	A3DFD2
RGB	163, 223, 210
RGB Percent	64%, 87%, 82%
CMY	0.3609, 0.1254, 0.1766
CMYK	0.27, 0.00, 0.06, 0.13
HSL	167°, 48%, 76%
HSV	167°, 27%, 87%
XYZ	53.1200, 65.2230, 70.7431
YIQ	203.5780, -31.5870, -16.7630

Conversions

Conversions Part 2

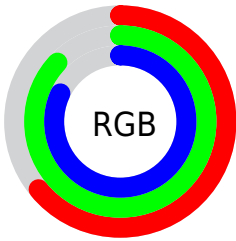
Format	Color
R _{YB}	163, 197, 223
Decimal	10739666
CIE Lab	84.60, -21.76, 0.22
CIE LCh	85, 21.761, 179.413
Yxy	65.2230, 0.2809, 0.3449
Android (android.graphics.Color)	4288929746 (0xFFA3DFD2)
YUV	203.5780, 3.1660, -35.5869
Hunter-Lab	80.7607, -23.9238, 4.5969

Details

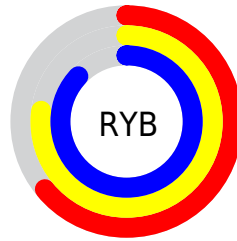
The YIQ color **203.5780, -31.5870, -16.7630** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **182.4220, 31.5870, 16.7630**, and the grayscale version is **204.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **244.2360, -21.4560, -7.6320**, and **148.9910, -31.3120, -16.2400** is the 20% darker color. If you saturate the color by 10%, you get **196.4300, -43.0940, -22.9820**, and if you desaturate by 10%, it is **210.7260, -20.0800, -10.5440**.

Distribution



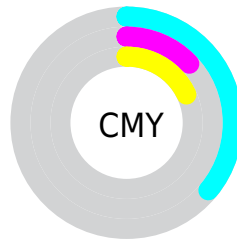
- Red (64%)
- Green (87%)
- Blue (82%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (36%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 203.5780, -31.5870, -16.7630 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 203.5780, -31.5870, -16.7630 by changing the saturation by 10% instead.

■ 203.5780,
-31.5870, -16.7630

■ 203.5780,
-31.5870, -16.7630

■ 255.0000, -0.0000,
-0.0000

■ 175.8770,
-30.9910, -16.5510

■ 244.2360,
-21.4560, -7.6320

■ 148.9910,
-31.3120, -16.2400

■ 252.9070, -4.1720,
-1.4840

■ 122.4040,
-31.0370, -15.7170

■ 96.7030, -30.4410,
-15.5050

■ 72.1050, -31.6330,
-15.9290

■ 45.9410, -37.0430,
-17.0030

■ 29.9320, -23.6560,

-11.8160

■ 16.3850, -11.6900,
-8.4100

■ 0.0000, 0.0000,
0.0000

■ 203.5780,
-31.5870, -16.7630

■ 203.5780,
-31.5870, -16.7630

■ 196.4300,
-43.0940, -22.9820

■ 210.7260,
-20.0800, -10.5440

■ 188.9830,
-55.1970, -29.4130

■ 218.1730, -7.9770,
-4.1130

■ 181.8350,
-66.7040, -35.6320

■ 225.3210, 3.5300,
2.1060

■ 174.8010,
-78.5320, -41.5400

■ 232.3550, 15.3580,
8.0140

■ 167.3540,
-90.6350, -47.9710

■ 233.8220, 15.5410,
10.2050

■ 160.2060,
-102.1420, -54.1900

■ 234.3920, 13.9360,
11.7600

■ 153.0580,
-113.6490, -60.4090

■ 234.9620, 12.3310,
13.3150

■ 150.8510,
-117.5000, -62.2040

■ 235.5320, 10.7260,
14.8700

■ 236.1020, 9.1210,
16.4250

Harmonies

Analogous

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



205.8050, -13.2930, -17.9090



203.5780, -31.5870, -16.7630



203.2920, -42.2250, -11.1930

Triad

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



203.5780, -31.5870, -16.7630



213.0660, -8.3930, 14.4470



212.5940, 33.3780, 0.8180

Complementary

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



203.5780, -31.5870, -16.7630



182.4220, 31.5870, 16.7630

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.



214.0600, 35.3020, 10.0060



203.5780, -31.5870, -16.7630



215.0100, 12.3760, 18.0080

Square

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



203.5780, -31.5870, -16.7630



209.6720, -28.0150, 6.6170



214.8560, 27.3690, 16.1130



210.8220, 23.5680, -8.6240

Rectangle

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



203.5780, -31.5870, -16.7630



204.5680, -42.8220, -5.8780



214.8560, 27.3690, 16.1130



213.0720, 35.0280, 3.9560

Sweetspot

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



203.5780, -31.5870, -16.7630



248.5640, -10.6360, -5.4840



202.4060, -8.1560, -28.4120



123.7710, -6.7850, -3.6890



0.0000, 0.0000, 0.0000



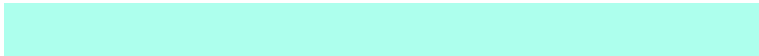
128.0000, -0.0000, -0.0000

Same Dimension

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



203.5780, -31.5870, -16.7630



228.4300, -43.0940, -22.9820



195.6680, -31.3600, -4.3520



108.4830, -5.9140, -2.9540



119.0440, -92.6980, -49.1300



32.5080, -25.3980, -13.2860

Inverse Universe

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



182.4220, 31.5870, 16.7630



199.5700, 43.0940, 22.9820



190.3320, 31.3600, 4.3520



104.5170, 5.9140, 2.9540



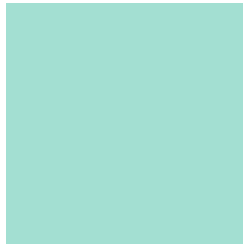
56.9560, 92.6980, 49.1300



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 203.5780, -31.5870, -16.7630 looks on a white background.

Color Contrast Check

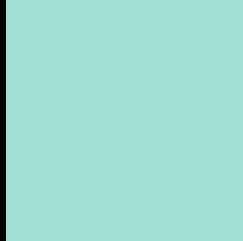
Large Text (above 18pt) WCAG AA × Fail

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 203.5780, -31.5870, -16.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

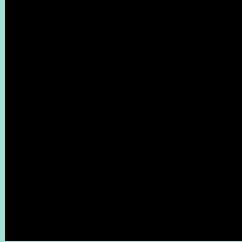
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

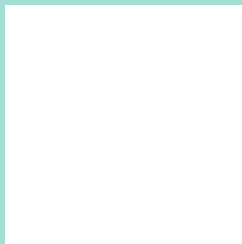
Any Text WCAG AAA ✓ Pass

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

YIQ 203.5780, -31.5870, -16.7630 Background



This preview shows how black text looks on a background with the YIQ color 203.5780, -31.5870, -16.7630.



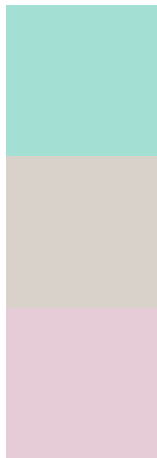
This preview shows how white text looks on a background with the YIQ color 203.5780, -31.5870, -16.7630.

-16.7630.

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**

203.5780, -31.5870, -16.7630

Protanopia

210.8820, 6.1440, -1.2160

Deuteranopia

212.6150, 11.6900, 8.4100



Tritanopia

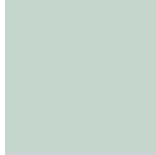
206.1020, -35.5780, -5.0020

Trichromacy



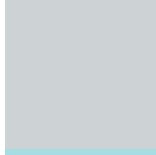
Original Color

203.5780, -31.5870, -16.7630



Protanomaly

208.4780, -7.5180, -6.9260



Deuteranomaly

209.4340, -4.2180, -0.6500



Tritanomaly

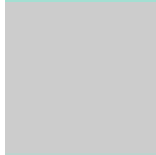
204.9510, -33.8350, -9.0590

Monochromacy



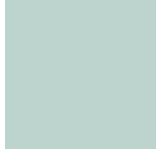
Original Color

203.5780, -31.5870, -16.7630



Achromatopsia

204.0000, -0.0000, -0.0000



Achromatomaly

203.8520, -11.5070, -6.2190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 203.5780, -31.5870, -16.7630 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(163, 223, 210)` looks like.

```
.text, #text, p{  
    color:rgb(163, 223, 210)  
}
```

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(163, 223, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 223, 210) }
```

Border

The CSS property to change the border of an element to YIQ 203.5780, -31.5870, -16.7630 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(163, 223, 210) }
```


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

```
.border{ border-color:rgb(163, 223, 210) }
```

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

Here you see how a box with a 4 pixel rgb(163, 223, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 223, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 223, 210);  
box-shadow:4px 4px 4px 4px rgb(163, 223,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 203.5780, -31.5870, -16.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 223, 210) }
```

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

```
.background{ background-color: rgb(163,  
223, 210) }
```

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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