

Converting Colors

YIQ(176.0200, -21.0880,
-14.3040)

Have a look what the booklet for
YIQ(176.0200, -21.0880, -14.3040)
contains.

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Color

**YIQ(176.0200, -21.0880,
-14.3040)**

Conversions

Conversions Part 1

Format	Color
Hex	93BFAF
RGB	147, 191, 175
RGB Percent	58%, 75%, 69%
CMY	0.4236, 0.2509, 0.3138
CMYK	0.23, 0.00, 0.08, 0.25
HSL	158°, 26%, 66%
HSV	158°, 23%, 75%
XYZ	38.3983, 46.5644, 47.5121
YIQ	176.0200, -21.0880, -14.3040

Conversions

Conversions Part 2

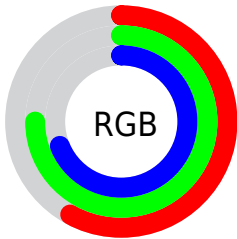
Format	Color
RYB	147, 174, 191
Decimal	9682863
CIELab	73.91, -17.92, 3.32
CIElCh	74, 18.225, 169.503
Yxy	46.5644, 0.2899, 0.3515
Android (android.graphics.Color)	4287872943 (0xFF93BFAF)
YUV	176.0200, -0.5029, -25.4505
Hunter-Lab	68.2381, -18.9730, 6.4849

Details

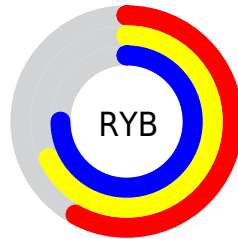
The YIQ color **176.0200, -21.0880, -14.3040** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **161.9800, 21.0880, 14.3040**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.6070, -21.3630, -14.8270**, and **122.8460, -20.5380, -13.2580** is the 20% darker color. If you saturate the color by 10%, you get **169.5410, -30.1650, -20.5090**, and if you desaturate by 10%, it is **182.4990, -12.0110, -8.0990**.

Distribution



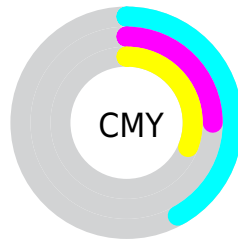
- Red (58%)
- Green (75%)
- Blue (69%)



- Red (58%)
- Yellow (68%)
- Blue (75%)



- Cyan (23%)
- Magenta (0%)
- Yellow (8%)
- Black (25%)



- Cyan (42%)
- Magenta (25%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.0200, -21.0880, -14.3040 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 176.0200, -21.0880, -14.3040 by changing the saturation by 10% instead.

■ 176.0200,
-21.0880, -14.3040

■ 176.0200,
-21.0880, -14.3040

■ 255.0000, -0.0000,
-0.0000

■ 149.3190,
-20.4920, -14.0920

■ 231.6070,
-21.3630, -14.8270

■ 122.8460,
-20.5380, -13.2580

■ 247.5250,
-14.9000, -5.3000

■ 98.1450, -19.9420,
-13.0460

■ 73.5580, -19.6670,
-12.5230

■ 50.2590, -20.2630,
-12.7350

■ 28.0740, -21.1800,
-12.6360

■ 13.4840, -7.6550,

-9.9510

■ 0.0000, 0.0000,
0.0000

■ 176.0200,
-21.0880, -14.3040

■ 176.0200,
-21.0880, -14.3040

■ 169.5410,
-30.1650, -20.5090

■ 182.4990,
-12.0110, -8.0990

■ 163.0620,
-39.2420, -26.7140

■ 188.9780, -2.9340,
-1.8940

■ 156.5830,
-48.3190, -32.9190

■ 195.4570, 6.1430,
4.3110

■ 150.1040,
-57.3960, -39.1240

■ 201.9360, 15.2200,
10.5160

■ 143.3260,
-67.0690, -45.5410

■ 208.4150, 24.2970,
16.7210

■ 136.8470,
-76.1460, -51.7460

■ 213.1000, 29.7980,
21.6540

■ 130.3680,
-85.2230, -57.9510

■ 213.8980, 27.5510,
23.8310

■ 125.9110,
-91.3660, -62.2620

■ 214.6960, 25.3040,
26.0080

■ 215.4940, 23.0570,
28.1850

Harmonies

Analogous

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



177.6320, -5.3160, -13.7960



176.0200, -21.0880, -14.3040



175.2670, -31.9090, -10.9250

Triad

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



176.0200, -21.0880, -14.3040



182.2780, -12.1060, 10.1500



183.1360, 28.9760, 3.5040

Complementary

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



176.0200, -21.0880, -14.3040



161.9800, 21.0880, 14.3040

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.



184.1670, 27.6910, 10.2750



176.0200, -21.0880, -14.3040



184.5960, 4.6740, 14.4180

Square

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



176.0200, -21.0880, -14.3040



179.6350, -26.5930, 2.8710



185.1970, 18.9790, 13.9790



181.8590, 22.1460, -4.8780

Rectangle

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



176.0200, -21.0880, -14.3040



175.8200, -34.8440, -7.2920



185.1970, 18.9790, 13.9790



183.6030, 29.1590, 5.6950

Sweetspot

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



176.0200, -21.0880, -14.3040



241.2330, -8.2060, -5.4700



177.6120, -2.5640, -19.6200



121.5540, -4.6760, -3.3640



252.0000, 0.0000, 0.0000



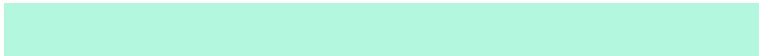
125.0000, 0.0000, 0.0000

Same Dimension

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



176.0200, -21.0880, -14.3040



223.5190, -33.0990, -22.4030



174.3220, -24.5740, -6.1900



90.9670, -4.4010, -2.8410



104.2600, -75.8710, -51.2230



20.3630, -14.6240, -10.3040

Inverse Universe

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



161.9800, 21.0880, 14.3040



201.4810, 33.0990, 22.4030



163.6780, 24.5740, 6.1900



88.0330, 4.4010, 2.8410



53.8540, 75.5500, 51.5340



10.5230, 14.9450, 9.9930

Previews

White Background



This preview shows how the YIQ color 176.0200, -21.0880, -14.3040 looks on a white background.

Color Contrast Check

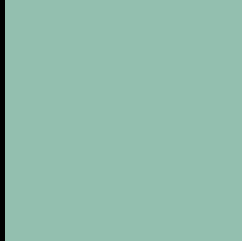
Large Text (above 18pt) WCAG AA × Fail

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 176.0200, -21.0880, -14.3040 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 176.0200, -21.0880, -14.3040 Background



This preview shows how black text looks on a background with the YIQ color 176.0200, -21.0880, -14.3040.



This preview shows how white text looks on a background with the YIQ color 176.0200, -21.0880, -14.3040.

-14.3040.

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

176.0200, -21.0880, -14.3040

Protanopia

180.8390, 7.7030, -1.9370

Deuteranopia

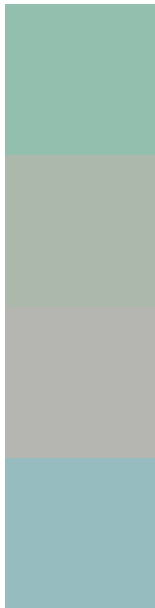
182.8170, 13.9370, 6.2330



Tritanopia

178.2450, -25.6750, -2.7550

Trichromacy



Original Color

176.0200, -21.0880, -14.3040

Protanomaly

178.9300, -2.9790, -6.5870

Deuteranomaly

180.5440, 1.2840, -1.2440

Tritanomaly

177.0940, -23.9320, -6.8120

Monochromacy



Original Color

176.0200, -21.0880, -14.3040

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.6460, -7.9310, -4.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.0200, -21.0880, -14.3040 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(147, 191, 175)` looks like.

```
.text, #text, p{  
    color:rgb(147, 191, 175)  
}
```

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(147, 191, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 191, 175) }
```

Border

The CSS property to change the border of an element to YIQ 176.0200, -21.0880, -14.3040 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(147, 191, 175) }
```


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

```
.border{ border-color:rgb(147, 191, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 191, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 191, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 191, 175);  
box-shadow:4px 4px 4px 4px rgb(147, 191,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 176.0200, -21.0880, -14.3040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 191, 175) }
```

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

```
.background{ background-color: rgb(147,  
191, 175) }
```

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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