

Converting Colors

YIQ(170.1680, -9.5810, -8.0850)

Have a look what the booklet for
YIQ(170.1680, -9.5810, -8.0850)
contains.

YIQ(170.1680, -9.5810, -8.0850)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(170.1680, -9.5810,
-8.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	9CB2A7
RGB	156, 178, 167
RGB Percent	61%, 70%, 65%
CMY	0.3883, 0.3019, 0.3451
CMYK	0.12, 0.00, 0.06, 0.30
HSL	150°, 13%, 65%
HSV	150°, 12%, 70%
XYZ	36.6040, 41.7006, 42.6754
YIQ	170.1680, -9.5810, -8.0850

Conversions

Conversions Part 2

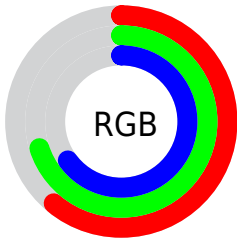
Format	Color
RYB	156, 171, 178
Decimal	10269351
CIELab	70.66, -9.78, 3.06
CIELCh	71, 10.243, 162.640
Yxy	41.7006, 0.3026, 0.3447
Android (android.graphics.Color)	4288459431 (0xFF9CB2A7)
YUV	170.1680, -1.5618, -12.4253
Hunter-Lab	64.5760, -11.8279, 6.0211

Details

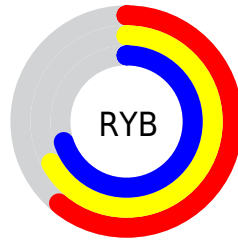
The YIQ color **170.1680, -9.5810, -8.0850** is a light color, and the websafe version is hex **999999**. A complement of this color would be **163.8320, 9.5810, 8.0850**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.7550, -9.8560, -8.6080**, and **117.8800, -8.7100, -7.3500** is the 20% darker color. If you saturate the color by 10%, you get **163.7600, -17.4200, -14.7000**, and if you desaturate by 10%, it is **176.5760, -1.7420, -1.4700**.

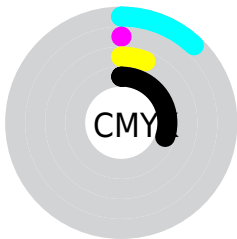
Distribution



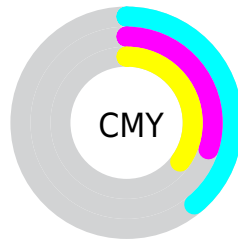
- Red (61%)
- Green (70%)
- Blue (65%)



- Red (61%)
- Yellow (67%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (30%)



- Cyan (39%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.1680, -9.5810, -8.0850 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 170.1680, -9.5810, -8.0850 by changing the saturation by 10% instead.

■ 170.1680, -9.5810,
-8.0850

■ 170.1680, -9.5810,
-8.0850

■ 255.0000, -0.0000,
-0.0000

■ 143.5810, -9.3060,
-7.5620

■ 225.7550, -9.8560,
-8.6080

■ 117.8800, -8.7100,
-7.3500

■ 249.7600, -8.2520,
-4.6360

■ 92.9940, -9.0310,
-7.0390

■ 69.2930, -8.4350,
-6.8270

■ 47.2930, -8.4350,
-6.8270

■ 26.0050, -7.5640,
-6.0920

■ 2.9350, -1.3750,

-2.6150

■ 0.0000, 0.0000,
0.0000

■ 170.1680, -9.5810,
-8.0850

■ 170.1680, -9.5810,
-8.0850

■ 163.7600,
-17.4200, -14.7000

■ 176.5760, -1.7420,
-1.4700

■ 157.3520,
-25.2590, -21.3150

■ 182.9840, 6.0970,
5.1450

■ 151.2430,
-32.5020, -27.7180

■ 189.0930, 13.3400,
11.5480

■ 144.8350,
-40.3410, -34.3330

■ 195.5010, 21.1790,
18.1630

■ 138.4270,
-48.1800, -40.9480

■ 201.9090, 29.0180,
24.7780

■ 132.1330,
-56.3400, -47.2520

■ 205.8110, 32.4100,
29.3860

■ 125.7250,
-64.1790, -53.8670

■ 206.8370, 29.5210,
32.1850

■ 119.6160,
-71.4220, -60.2700

■ 207.8630, 26.6320,
34.9840

■ 114.6320,
-77.5190, -65.4150

■ 208.8890, 23.7430,
37.7830

Harmonies

Analogous

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



171.0720, -0.5030, -7.4070



170.1680, -9.5810, -8.0850



169.5140, -16.3670, -6.2470

Triad

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



170.1680, -9.5810, -8.0850



172.9700, -8.4830, 5.0610



174.3780, 16.5510, 2.9110

Complementary

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



170.1680, -9.5810, -8.0850



163.8320, 9.5810, 8.0850

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.



175.0020, 14.8540, 6.1340



170.1680, -9.5810, -8.0850



174.3410, 0.7780, 7.9300

Square

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



170.1680, -9.5810, -8.0850



171.3280, -15.5430, 0.8490



174.9460, 9.2600, 8.3960



173.0740, 14.3510, -1.2730

Rectangle

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



170.1680, -9.5810, -8.0850



170.1980, -18.2930, -4.3810



174.9460, 9.2600, 8.3960



174.3180, 16.7800, 4.2680

Sweetspot

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



170.1680, -9.5810, -8.0850



228.7390, -3.7590, -3.4630



172.2030, 0.5060, -9.1740



114.8640, -2.6130, -2.2050



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



170.1680, -9.5810, -8.0850



219.5970, -15.4030, -12.7070



171.4220, -13.1120, -4.6640



85.8530, -4.0800, -3.1520



98.4750, -66.4710, -56.3830



16.7440, -11.3230, -9.5550

Inverse Universe

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



163.8320, 9.5810, 8.0850



209.5170, 15.0820, 13.0180



162.5780, 13.1120, 4.6640



83.2610, 3.7590, 3.4630



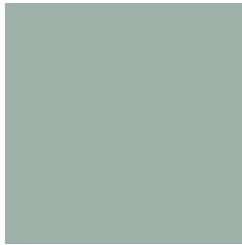
54.5250, 66.4710, 56.3830



9.2560, 11.3230, 9.5550

Previews

White Background



This preview shows how the YIQ color 170.1680, -9.5810, -8.0850 looks on a white background.

Color Contrast Check

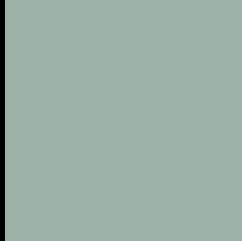
Large Text (above 18pt) WCAG AA × Fail

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 170.1680, -9.5810, -8.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

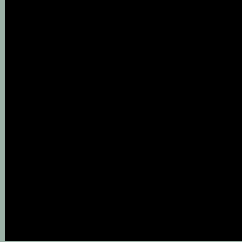
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

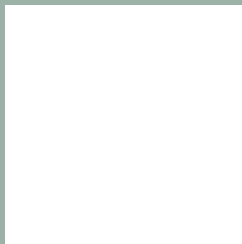
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 170.1680, -9.5810, -8.0850

Background



This preview shows how black text looks on a background with the YIQ color 170.1680, -9.5810, -8.0850.



This preview shows how white text looks on a background with the YIQ color 170.1680, -9.5810,

-8.0850.

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

170.1680, -9.5810, -8.0850

Protanopia

172.8820, 6.1440, -1.2160

Deuteranopia

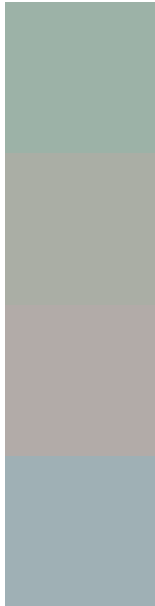
174.1050, 13.0660, 5.4980



Tritanopia

172.1110, -13.4340, 1.1740

Trichromacy



Original Color

170.1680, -9.5810, -8.0850

Protanomaly

171.7780, 0.5050, -3.6470

Deuteranomaly

172.7510, 5.1350, 0.5510

Tritanomaly

171.4870, -11.7370, -2.0490

Monochromacy



Original Color

170.1680, -9.5810, -8.0850

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.1520, -3.4840, -2.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.1680, -9.5810, -8.0850 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(156, 178, 167)` looks like.

```
.text, #text, p{  
    color:rgb(156, 178, 167)  
}
```

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(156, 178, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 178, 167) }
```

Border

The CSS property to change the border of an element to YIQ 170.1680, -9.5810, -8.0850 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(156, 178, 167) }
```


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

```
.border{ border-color:rgb(156, 178, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 178, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 178, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 178, 167);  
box-shadow:4px 4px 4px 4px rgb(156, 178,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 170.1680, -9.5810, -8.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 178, 167) }
```

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

```
.background{ background-color: rgb(156,  
178, 167) }
```

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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