

Converting Colors

YIQ(170.5850, -15.1290,
-6.6570)

Have a look what the booklet for
YIQ(170.5850, -15.1290, -6.6570)
contains.

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Color

**YIQ(170.5850, -15.1290,
-6.6570)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 98B3B0 |
| RGB | 152, 179, 176 |
| RGB Percent | 60%, 70%, 69% |
| CMY | 0.4040, 0.2980, 0.3099 |
| CMYK | 0.15, 0.00, 0.02, 0.30 |
| HSL | 173°, 15%, 65% |
| HSV | 173°, 15%, 70% |
| XYZ | 36.9031, 42.0525, 47.2386 |
| YIQ | 170.5850, -15.1290, -6.6570 |

Conversions

Conversions Part 2

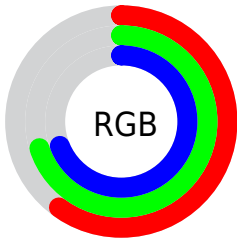
| Format | Color |
|-------------------------------------|--|
| RYB | 152, 166, 179 |
| Decimal | 10007472 |
| CIELab | 70.91, -9.84, -1.57 |
| CIELCh | 71, 9.960, 189.046 |
| Yxy | 42.0525, 0.2924, 0.3332 |
| Android (android.graphics.Color) | 4288197552 (0xFF98B3B0) |
| YUV | 170.5850, 2.6696, -16.2990 |
| Hunter-Lab | 64.8479, -11.9045, 2.2036 |

Details

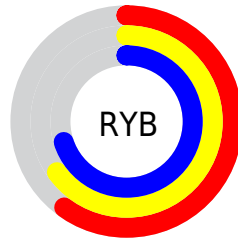
The YIQ color **170.5850, -15.1290, -6.6570** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **160.4150, 15.1290, 6.6570**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.2860, -15.7250, -6.8690**, and **118.2970, -14.2580, -5.9220** is the 20% darker color. If you saturate the color by 10%, you get **164.9750, -25.2150, -11.0950**, and if you desaturate by 10%, it is **176.1950, -5.0430, -2.2190**.

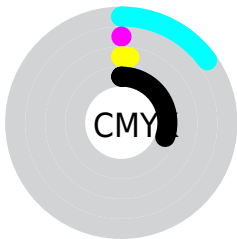
Distribution



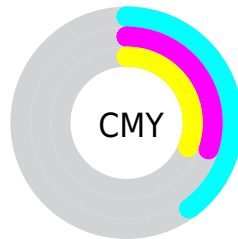
- Red (60%)
- Green (70%)
- Blue (69%)



- Red (60%)
- Yellow (65%)
- Blue (70%)



- Cyan (15%)
- Magenta (0%)
- Yellow (2%)
- Black (30%)



- Cyan (40%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.5850, -15.1290, -6.6570 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 170.5850, -15.1290, -6.6570 by changing the saturation by 10% instead.

■ 170.5850,
-15.1290, -6.6570

■ 170.5850,
-15.1290, -6.6570

■ 255.0000, -0.0000,
-0.0000

■ 143.8840,
-14.5330, -6.4450

■ 226.2860,
-15.7250, -6.8690

■ 118.2970,
-14.2580, -5.9220

■ 249.0200,
-11.9200, -4.2400

■ 93.2970, -14.2580,
-5.9220

■ 69.5960, -13.6620,
-5.7100

■ 46.8950, -13.0660,
-5.4980

■ 25.5960, -13.6620,
-5.7100

■ 4.9070, -4.1720,

-1.4840

■ 0.0000, 0.0000,
0.0000

■ 170.5850,
-15.1290, -6.6570

■ 170.5850,
-15.1290, -6.6570

■ 164.9750,
-25.2150, -11.0950

■ 176.1950, -5.0430,
-2.2190

■ 159.3650,
-35.3010, -15.5330

■ 181.8050, 5.0430,
2.2190

■ 153.7550,
-45.3870, -19.9710

■ 187.4150, 15.1290,
6.6570

■ 148.1450,
-55.4730, -24.4090

■ 193.0250, 25.2150,
11.0950

■ 142.5350,
-65.5590, -28.8470

■ 198.3360, 34.7050,
15.3210

■ 137.2240,
-75.0490, -33.0730

■ 202.7500, 42.4070,
18.9110

■ 131.6140,
-85.1350, -37.5110

■ 202.9780, 41.7650,
19.5330

■ 126.0040,
-95.2210, -41.9490

■ 203.2060, 41.1230,
20.1550

■ 123.1990,
-100.2640, -44.1680

■ 203.4340, 40.4810,
20.7770

Harmonies

Analogous

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



170.7660, -8.3890, -7.6610



170.5850, -15.1290, -6.6570



171.0240, -17.7430, -3.3350

Triad

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



170.5850, -15.1290, -6.6570



174.7430, -0.4140, 7.5060



174.1880, 14.0300, -0.9620

Complementary

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



170.5850, -15.1290, -6.6570



160.4150, 15.1290, 6.6570

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.



174.4920, 16.2300, 3.2220



170.5850, -15.1290, -6.6570



175.3480, 8.0680, 7.9720

Square

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



170.5850, -15.1290, -6.6570



173.2580, -9.3540, 4.3260



175.2300, 14.2120, 6.7560



173.1440, 8.1620, -4.7500

Rectangle

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



170.5850, -15.1290, -6.6570



171.7900, -16.9640, -0.9320



175.2300, 14.2120, 6.7560



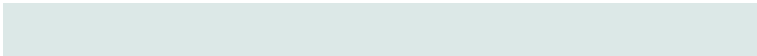
174.3130, 15.1760, 0.2960

Sweetspot

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



170.5850, -15.1290, -6.6570



228.2980, -6.8310, -2.8550



168.7460, -5.6370, -13.4850



114.9070, -4.1720, -1.4840



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.



170.5850, -15.1290, -6.6570



218.8720, -23.4270, -10.4590



165.0570, -13.3420, -0.4940



86.1950, -5.0430, -2.2190



105.3150, -85.7310, -37.7230



17.8840, -14.5330, -6.4450

Inverse Universe

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



160.4150, 15.1290, 6.6570



203.1280, 23.4270, 10.4590



165.9430, 13.3420, 0.4940



82.8050, 5.0430, 2.2190



47.6850, 85.7310, 37.7230



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 170.5850, -15.1290, -6.6570 looks on a white background.

Color Contrast Check

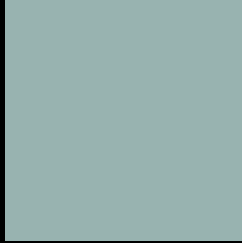
Large Text (above 18pt) WCAG AA × Fail

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 170.5850, -15.1290, -6.6570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

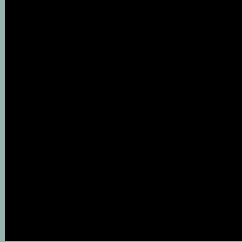
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

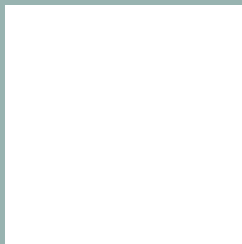
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 170.5850, -15.1290, -6.6570

Background



This preview shows how black text looks on a background with the YIQ color 170.5850, -15.1290, -6.6570.



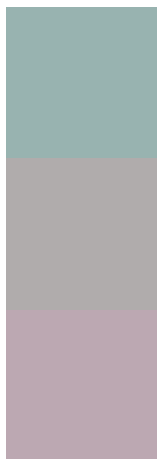
This preview shows how white text looks on a background with the YIQ color 170.5850, -15.1290, -6.6570.

-6.6570.

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

170.5850, -15.1290, -6.6570

Protanopia

173.1960, 2.3840, 0.8480

Deuteranopia

175.1200, 8.7100, 7.3500



Tritanopia

172.0180, -17.6060, -0.3100

Trichromacy



Original Color

170.5850, -15.1290, -6.6570

Protanomaly

172.3800, -4.1260, -2.3180

Deuteranomaly

173.4670, 0.1830, 2.1910

Tritanomaly

171.7360, -16.8720, -2.6000

Monochromacy



Original Color

170.5850, -15.1290, -6.6570

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.8960, -5.6390, -2.4310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.5850, -15.1290, -6.6570 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(152, 179, 176)` looks like.

```
.text, #text, p{  
    color:rgb(152, 179, 176)  
}
```

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(152, 179, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 179, 176) }
```

Border

The CSS property to change the border of an element to YIQ 170.5850, -15.1290, -6.6570 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(152, 179, 176) }
```


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

```
.border{ border-color:rgb(152, 179, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 179, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 179, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 179, 176);  
box-shadow:4px 4px 4px 4px rgb(152, 179,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 170.5850, -15.1290, -6.6570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 179, 176) }
```

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

```
.background{ background-color: rgb(152,  
179, 176) }
```

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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