

Converting Colors

YIQ(159.1300, -15.5860,
-14.8980)

Have a look what the booklet for
YIQ(159.1300, -15.5860, -14.8980)
contains.

YIQ(159.1300, -15.5860, -14.8980)	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(159.1300, -15.5860,
-14.8980)**

Conversions

Conversions Part 1

Format	Color
Hex	87AD97
RGB	135, 173, 151
RGB Percent	53%, 68%, 59%
CMY	0.4707, 0.3215, 0.4079
CMYK	0.22, 0.00, 0.13, 0.32
HSL	145°, 19%, 60%
HSV	145°, 22%, 68%
XYZ	30.5190, 37.2759, 34.8597
YIQ	159.1300, -15.5860, -14.8980

Conversions

Conversions Part 2

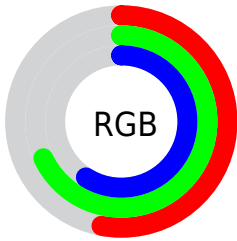
Format	Color
RYB	135, 162, 173
Decimal	8891799
CIELab	67.48, -17.46, 7.12
CIELCh	67, 18.853, 157.823
Yxy	37.2759, 0.2973, 0.3631
Android (android.graphics.Color)	4287081879 (0xFF87AD97)
YUV	159.1300, -4.0081, -21.1620
Hunter-Lab	61.0540, -17.6179, 8.8853

Details

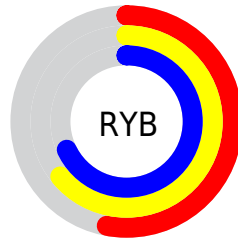
The YIQ color **159.1300, -15.5860, -14.8980** is a light color, and the websafe version is hex **669999**. A complement of this color would be **148.8700, 15.5860, 14.8980**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.3040, -16.1360, -15.9440**, and **107.5430, -15.3110, -14.3750** is the 20% darker color. If you saturate the color by 10%, you get **152.9070, -22.5080, -21.6120**, and if you desaturate by 10%, it is **165.3530, -8.6640, -8.1840**.

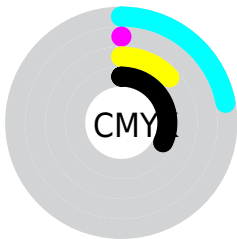
Distribution



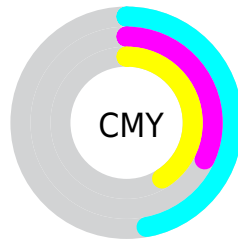
- Red (53%)
- Green (68%)
- Blue (59%)



- Red (53%)
- Yellow (64%)
- Blue (68%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (47%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.1300, -15.5860, -14.8980 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 159.1300, -15.5860, -14.8980 by changing the saturation by 10% instead.

■ 159.1300,
-15.5860, -14.8980

■ 159.1300,
-15.5860, -14.8980

■ 255.0000, -0.0000,
-0.0000

■ 132.5430,
-15.3110, -14.3750

■ 214.3040,
-16.1360, -15.9440

■ 107.5430,
-15.3110, -14.3750

■ 241.1300,
-15.5860, -14.8980

■ 82.9560, -15.0360,
-13.8520

■ 252.0100, -5.9600,
-2.1200

■ 59.4830, -15.0820,
-13.0180

■ 36.5970, -15.4030,
-12.7070

■ 18.0490, -10.8640,
-12.3680

■ 0.0000, 0.0000,

0.0000

■ 159.1300,
-15.5860, -14.8980

■ 159.1300,
-15.5860, -14.8980

■ 152.9070,
-22.5080, -21.6120

■ 165.3530, -8.6640,
-8.1840

■ 146.3850,
-30.0260, -28.5380

■ 171.8750, -1.1460,
-1.2580

■ 140.1620,
-36.9480, -35.2520

■ 178.0980, 5.7760,
5.4560

■ 133.9390,
-43.8700, -41.9660

■ 184.3210, 12.6980,
12.1700

■ 127.4170,
-51.3880, -48.8920

■ 190.5440, 19.6200,
18.8840

■ 121.1940,
-58.3100, -55.6060

■ 197.0660, 27.1380,
25.8100

■ 114.9710,
-65.2320, -62.3200

■ 202.9900, 33.4640,
32.3120

■ 109.8730,
-71.0080, -67.7760

■ 204.1300, 30.2540,
35.4220

■ 205.2700, 27.0440,
38.5320

Harmonies

Analogous

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



161.4540, 1.0570, -13.6550



159.1300, -15.5860, -14.8980



157.4690, -29.6620, -13.1020

Triad

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



159.1300, -15.5860, -14.8980



163.9890, -18.6620, 7.8180



166.0160, 29.4340, 6.2180

Complementary

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



159.1300, -15.5860, -14.8980



148.8700, 15.5860, 14.8980

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.



166.9650, 25.4440, 12.4520



159.1300, -15.5860, -14.8980



166.8340, -1.9280, 12.9200

Square

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



159.1300, -15.5860, -14.8980



160.8900, -31.8650, -0.7050



167.5000, 13.7520, 15.0960



165.0060, 26.2260, -1.7260

Rectangle

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



159.1300, -15.5860, -14.8980



157.9400, -35.3020, -10.0060



167.5000, 13.7520, 15.0960



166.5970, 29.2960, 8.7200

Sweetspot

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



159.1300, -15.5860, -14.8980



218.4890, -6.0510, -5.9790



163.8840, 2.6620, -15.2100



108.7390, -3.7590, -3.4630



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



159.1300, -15.5860, -14.8980



202.8960, -23.9750, -22.5590



161.2960, -21.6850, -8.9890



83.7390, -3.7590, -3.4630



95.2320, -61.4730, -58.8570



14.6410, -9.5350, -8.9190

Inverse Universe

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



148.8700, 15.5860, 14.8980



187.2180, 23.6540, 22.8700



146.7040, 21.6850, 8.9890



81.2610, 3.7590, 3.4630



54.7680, 61.4730, 58.8570



8.3590, 9.5350, 8.9190

Previews

White Background



This preview shows how the YIQ color 159.1300, -15.5860, -14.8980 looks on a white background.

Color Contrast Check

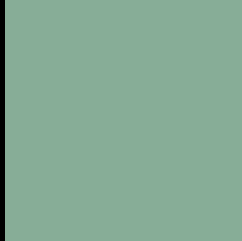
Large Text (above 18pt) WCAG AA × Fail

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 159.1300, -15.5860, -14.8980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

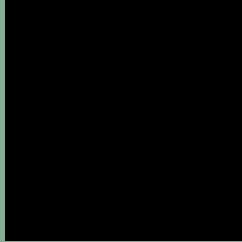
Any Text WCAG AA ✓ Pass

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 159.1300, -15.5860, -14.8980 Background



This preview shows how black text looks on a background with the YIQ color 159.1300, -15.5860, -14.8980.



This preview shows how white text looks on a background with the YIQ color 159.1300, -15.5860, -14.8980.

-14.8980.

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

159.1300, -15.5860, -14.8980

Protanopia

163.4540, 10.2250, -3.5910

Deuteranopia

165.0190, 16.1840, 4.0560



Tritanopia

162.1100, -20.8610, -1.8930

Trichromacy



Original Color

159.1300, -15.5860, -14.8980

Protanomaly

162.1430, 0.7350, -7.8170

Deuteranomaly

162.7570, 4.9980, -2.4740

Tritanomaly

160.8450, -18.7970, -6.2610

Monochromacy



Original Color

159.1300, -15.5860, -14.8980

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.9020, -5.7760, -5.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.1300, -15.5860, -14.8980 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(135, 173, 151)` looks like.

```
.text, #text, p{  
    color:rgb(135, 173, 151)  
}
```

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(135, 173, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 173, 151) }
```

Border

The CSS property to change the border of an element to YIQ 159.1300, -15.5860, -14.8980 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(135, 173, 151) }
```


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

```
.border{ border-color:rgb(135, 173, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 173, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 173, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 173, 151);  
box-shadow:4px 4px 4px 4px rgb(135, 173,  
151) }
```

Background

The CSS property to change the background color of an element to YIQ 159.1300, -15.5860, -14.8980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 173, 151) }
```

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

```
.background{ background-color: rgb(135,  
173, 151) }
```

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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