

Converting Colors

YIQ(159.0770, -8.0670,
-13.4990)

Have a look what the booklet for
YIQ(159.0770, -8.0670, -13.4990)
contains.

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Color

**YIQ(159.0770, -8.0670,
-13.4990)**

Conversions

Conversions Part 1

Format	Color
Hex	8FAA91
RGB	143, 170, 145
RGB Percent	56%, 67%, 57%
CMY	0.4393, 0.3333, 0.4314
CMYK	0.16, 0.00, 0.15, 0.33
HSL	124°, 14%, 61%
HSV	124°, 16%, 67%
XYZ	30.8116, 36.6357, 32.2342
YIQ	159.0770, -8.0670, -13.4990

Conversions

Conversions Part 2

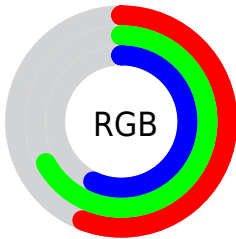
Format	Color
RYB	143, 168, 170
Decimal	9415313
CIELab	67.00, -14.30, 9.81
CIELCh	67, 17.340, 145.534
Yxy	36.6357, 0.3091, 0.3675
Android (android.graphics.Color)	4287605393 (0xFF8FAA91)
YUV	159.0770, -6.9400, -14.0995
Hunter-Lab	60.5275, -15.0574, 10.7940

Details

The YIQ color $159.0770, -8.0670, -13.4990$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $153.9230, 8.0670, 13.4990$, and the grayscale version is $159.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $213.6640, -8.3420, -14.0220$, and $107.6040, -8.1130, -12.6650$ is the 20% darker color. If you saturate the color by 10%, you get $152.1700, -13.0630, -22.0790$, and if you desaturate by 10%, it is $165.9840, -3.0710, -4.9190$.

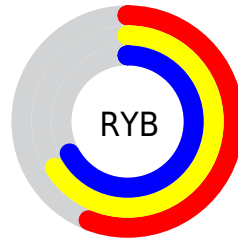
Distribution



Red (56%)

Green (67%)

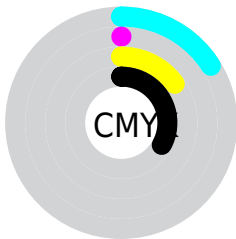
Blue (57%)



Red (56%)

Yellow (66%)

Blue (67%)

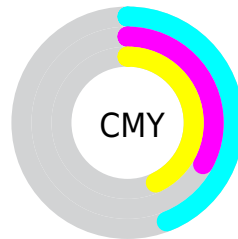


Cyan (16%)

Magenta (0%)

Yellow (15%)

Black (33%)



Cyan (44%)

Magenta (33%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.0770, -8.0670, -13.4990 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 159.0770, -8.0670, -13.4990 by changing the saturation by 10% instead.

 159.0770, -8.0670,
-13.4990


 159.0770, -8.0670,
-13.4990


255.0000, -0.0000,
-0.0000

 132.4900, -7.7920,
-12.9760


 213.6640, -8.3420,
-14.0220


 107.6040, -8.1130,
-12.6650


 242.2510, -8.6170,
-14.5450

 83.0170, -7.8380,
-12.1420

254.7010, -0.5960,
-0.2120

 59.7290, -6.9670,
-11.4070

 37.8430, -7.2880,
-11.0960

 15.9630, -7.7460,
-13.8100

 0.0000, 0.0000,

0.0000

■ 159.0770, -8.0670,
-13.4990

■ 159.0770, -8.0670,
-13.4990

■ 152.1700,
-13.0630, -22.0790

■ 165.9840, -3.0710,
-4.9190

■ 145.3770,
-18.3800, -30.3480

■ 172.7770, 2.2460,
3.3500

■ 138.4700,
-23.3760, -38.9280

■ 179.6840, 7.2420,
11.9300

■ 131.5630,
-28.3720, -47.5080

■ 186.5910, 12.2380,
20.5100

■ 124.6560,
-33.3680, -56.0880

■ 193.4980, 17.2340,
29.0900

■ 117.8630,
-38.6850, -64.3570

■ 200.2910, 22.5510,
37.3590

■ 110.9560,
-43.6810, -72.9370

■ 205.1050, 23.3750,
44.4550

■ 104.0490,
-48.6770, -81.5170

■ 101.2720,
-50.9230, -84.8670

Harmonies

Analogous

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



160.9710, 6.9710, -10.7010



159.0770, -8.0670, -13.4990



157.4760, -22.3720, -13.0600

Triad

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



159.0770, -8.0670, -13.4990



161.4290, -23.0170, 4.1430



165.5150, 26.5910, 8.1830

Complementary

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



159.0770, -8.0670, -13.4990



153.9230, 8.0670, 13.4990

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.



165.8550, 19.9420, 13.0460



159.0770, -8.0670, -13.4990



164.4310, -8.1630, 10.2770

Square

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



159.0770, -8.0670, -13.4990



158.3090, -31.7270, -3.2070



165.7380, 7.1500, 13.5980



164.1140, 26.0420, 1.6100

Rectangle

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



159.0770, -8.0670, -13.4990



156.9360, -29.4790, -10.9110



165.7380, 7.1500, 13.5980



165.4980, 25.2610, 10.2610

Sweetspot

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



159.0770, -8.0670, -13.4990



217.5710, -3.3460, -5.4420



166.3240, 7.4750, -8.8210



109.2230, -2.2460, -3.3500



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.



159.0770, -8.0670, -13.4990



204.9960, -12.5130, -21.0330



160.5590, -12.2400, -9.4560



80.6960, -2.2000, -4.1840



88.1300, -44.2310, -73.9830



11.9680, -6.1420, -9.8380

Inverse Universe

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



153.9230, 8.0670, 13.4990



197.0040, 12.5130, 21.0330



152.4410, 12.2400, 9.4560



79.3040, 2.2000, 4.1840



59.8700, 44.2310, 73.9830



8.1460, 5.8210, 10.1490

Previews

White Background



This preview shows how the YIQ color 159.0770, -8.0670, -13.4990 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 159.0770, -8.0670, -13.4990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

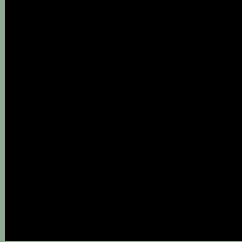
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.0770, -8.0670, -13.4990

Background



This preview shows how black text looks on a background with the YIQ color 159.0770, -8.0670, -13.4990.



This preview shows how white text looks on a background with the YIQ color 159.0770, -8.0670,

-13.4990.

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

159.0770, -8.0670, -13.4990

Protanopia

162.2970, 12.1050, -4.6230

Deuteranopia

164.0470, 18.9810, 2.9250



Tritanopia

161.6980, -13.7090, 0.6510

Trichromacy



Original Color

159.0770, -8.0670, -13.4990

Protanomaly

161.1820, 4.9990, -8.0010

Deuteranomaly

162.3830, 8.9870, -3.1810

Tritanomaly

160.9060, -11.5990, -4.5510

Monochromacy



Original Color

159.0770, -8.0670, -13.4990

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

158.9840, -3.0710, -4.9190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.0770, -8.0670, -13.4990 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(143, 170, 145)` looks like.

```
.text, #text, p{  
    color:rgb(143, 170, 145)  
}
```

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(143, 170, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 170, 145) }
```

Border

The CSS property to change the border of an element to YIQ 159.0770, -8.0670, -13.4990 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(143, 170, 145) }
```


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

```
.border{ border-color:rgb(143, 170, 145) }
```

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

Here you see how a box with a 4 pixel rgb(143, 170, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 170, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 170, 145);  
box-shadow:4px 4px 4px 4px rgb(143, 170,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 159.0770, -8.0670, -13.4990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 170, 145) }
```

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

```
.background{ background-color: rgb(143,  
170, 145) }
```

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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