

Converting Colors

YIQ(159.8430, 11.0480, 9.0320)

Have a look what the booklet for
YIQ(159.8430, 11.0480, 9.0320)
contains.

YIQ(159.8430, 11.0480, 9.0320)	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(159.8430, 11.0480,
9.0320)**

Conversions

Conversions Part 1

Format	Color
Hex	B097A3
RGB	176, 151, 163
RGB Percent	69%, 59%, 64%
CMY	0.3097, 0.4079, 0.3607
CMYK	0.00, 0.14, 0.07, 0.31
HSL	331°, 14%, 64%
HSV	331°, 14%, 69%
XYZ	35.5849, 34.0066, 39.3429
YIQ	159.8430, 11.0480, 9.0320

Conversions

Conversions Part 2

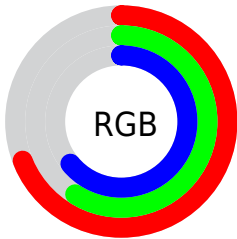
Format	Color
RYB	176, 151, 163
Decimal	11573155
CIELab	64.97, 11.37, -2.85
CIElCh	65, 11.721, 345.920
Yxy	34.0066, 0.3267, 0.3122
Android (android.graphics.Color)	4289763235 (0xFFB097A3)
YUV	159.8430, 1.5564, 14.1697
Hunter-Lab	58.3152, 6.8722, 0.8201

Details

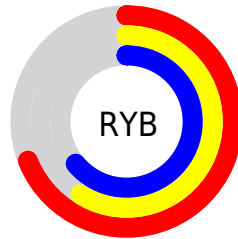
The YIQ color **159.8430, 11.0480, 9.0320** is a light color, and the websafe version is hex **999999**. A complement of this color would be **167.1570, -11.0480, -9.0320**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **214.5550, 11.9190, 9.7670**, and **108.1310, 10.1770, 8.2970** is the 20% darker color. If you saturate the color by 10%, you get **148.2510, 18.8870, 15.6470**, and if you desaturate by 10%, it is **171.4350, 3.2090, 2.4170**.

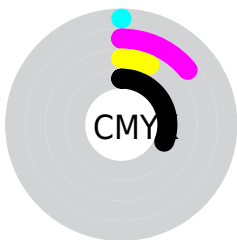
Distribution



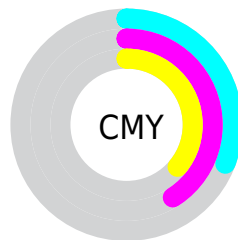
- Red (69%)
- Green (59%)
- Blue (64%)



- Red (69%)
- Yellow (59%)
- Blue (64%)



- Cyan (0%)
- Magenta (14%)
- Yellow (7%)
- Black (31%)





- Cyan (31%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.8430, 11.0480, 9.0320 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 159.8430, 11.0480, 9.0320 by changing the saturation by 10% instead.


 159.8430, 11.0480,
9.0320


 159.8430, 11.0480,
9.0320


255.0000, -0.0000,
-0.0000


 133.5440, 10.4520,
8.8200


 214.5550, 11.9190,
9.7670

 108.1310, 10.1770,
8.2970

 241.0600, 8.9390,
8.7070

 83.8320, 9.5810,
8.0850

 60.5330, 8.9850,
7.8730

 38.8210, 8.1140,
7.1380

 17.6470, 8.6640,
8.1840

 0.0000, 0.0000,

0.0000

159.8430, 11.0480,
9.0320

159.8430, 11.0480,
9.0320

148.2510, 18.8870,
15.6470

171.4350, 3.2090,
2.4170

137.2460, 26.4510,
21.7390

182.4400, -4.3550,
-3.6750

125.6540, 34.2900,
28.3540

194.0320,
-12.1940, -10.2900

114.5350, 42.1750,
34.1350

205.1510,
-20.0790, -16.0710

102.9430, 50.0140,
40.7500

216.7430,
-27.9180, -22.6860

91.3510, 57.8530,
47.3650

227.1610,
-35.2070, -28.2550

■ 80.3460, 65.4170,
53.4570

■ 228.1870,
-38.0960, -25.4560

■ 68.7540, 73.2560,
60.0720

■ 229.2130,
-40.9850, -22.6570

■ 62.3140, 77.6110,
63.7470

■ 230.2390,
-43.8740, -19.8580

Harmonies

Analogous

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



159.0530, 1.6490, 8.6650



159.8430, 11.0480, 9.0320



159.7850, 16.9630, 6.4590

Triad

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



159.8430, 11.0480, 9.0320



156.9050, 7.3370, -6.3190



155.0560, -20.7690, -3.5610

Complementary

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



159.8430, 11.0480, 9.0320



167.1570, -11.0480, -9.0320

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.



154.0190, -19.3470, -7.3070



159.8430, 11.0480, 9.0320



155.6480, -2.2450, -8.8770

Square

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



159.8430, 11.0480, 9.0320



157.8460, 14.9930, -1.8950



154.5590, -12.2400, -9.4560



156.3710, -17.1020, 1.5700

Rectangle

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



159.8430, 11.0480, 9.0320



159.1010, 18.8890, 4.5930



154.5590, -12.2400, -9.4560



154.1160, -20.9980, -4.9180

Sweetspot

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



159.8430, 11.0480, 9.0320



223.5600, 4.3550, 3.6750



157.7370, -0.2770, 10.5310



111.1360, 2.6130, 2.2050



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



159.8430, 11.0480, 9.0320



204.1260, 17.7410, 14.3890



158.4750, 14.9000, 5.3000



83.2610, 3.7590, 3.4630



54.0690, 67.7550, 55.1390



9.1420, 11.6440, 9.2440

Inverse Universe

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



159.8430, 11.0480, 9.0320



204.1260, 17.7410, 14.3890



168.5250, -14.9000, -5.3000



83.2610, 3.7590, 3.4630



54.0690, 67.7550, 55.1390



9.1420, 11.6440, 9.2440

Previews

White Background



This preview shows how the YIQ color 159.8430, 11.0480, 9.0320 looks on a white background.

Color Contrast Check

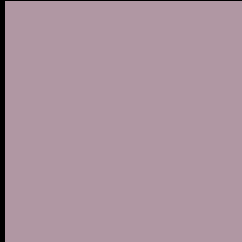
Large Text (above 18pt) WCAG AA × Fail

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 159.8430, 11.0480, 9.0320 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 159.8430, 11.0480, 9.0320

Background



This preview shows how black text looks on a background with the YIQ color 159.8430, 11.0480, 9.0320.



This preview shows how white text looks on a background with the YIQ color 159.8430, 11.0480,

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

159.8430, 11.0480, 9.0320

Protanopia

158.4390, -2.6140, 3.3220

Deuteranopia

159.5220, 7.5180, 6.9260



Tritanopia

159.8430, 11.0480, 9.0320

Trichromacy



Original Color

159.8430, 11.0480, 9.0320

Protanomaly

159.2440, 2.4290, 5.5410

Deuteranomaly

159.5330, 8.9850, 7.8730

Tritanomaly

159.8430, 11.0480, 9.0320

Monochromacy



Original Color

159.8430, 11.0480, 9.0320

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.1470, 4.0800, 3.1520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.8430, 11.0480, 9.0320 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(176, 151, 163)` looks like.

```
.text, #text, p{  
    color:rgb(176, 151, 163)  
}
```

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(176, 151, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 151, 163) }
```

Border

The CSS property to change the border of an element to YIQ 159.8430, 11.0480, 9.0320 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(176, 151, 163) }
```


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

```
.border{ border-color:rgb(176, 151, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 151, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 151, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 151, 163);  
box-shadow:4px 4px 4px 4px rgb(176, 151,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 159.8430, 11.0480, 9.0320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 151, 163) }
```

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

```
.background{ background-color: rgb(176,  
151, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor