

Converting Colors

YIQ(123.4610, 9.4880, 15.2800)

Have a look what the booklet for
YIQ(123.4610, 9.4880, 15.2800)
contains.

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Color

**YIQ(123.4610, 9.4880,
15.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6F8B
RGB	142, 111, 139
RGB Percent	56%, 44%, 55%
CMY	0.4430, 0.5647, 0.4549
CMYK	0.00, 0.22, 0.02, 0.44
HSL	306°, 12%, 50%
HSV	306°, 22%, 56%
XYZ	21.5028, 18.9831, 26.9584
YIQ	123.4610, 9.4880, 15.2800

Conversions

Conversions Part 2

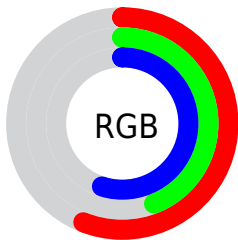
Format	Color
R_{YB}	142, 111, 139
Decimal	9334667
CIE _{Lab}	50.67, 17.31, -10.64
CIE _{LCh}	51, 20.316, 328.410
Yxy	18.9831, 0.3188, 0.2815
Android (android.graphics.Color)	4287524747 (0xFF8E6F8B)
YUV	123.4610, 7.6607, 16.2587
Hunter-Lab	43.5696, 11.8481, -6.1866

Details

The YIQ color **123.4610, 9.4880, 15.2800** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.5390, -9.4880, -15.2800**, and the grayscale version is **123.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.2870, 10.0380, 16.3260**, and **74.3360, 8.3420, 14.0220** is the 20% darker color. If you saturate the color by 10%, you get **115.1290, 13.6590, 22.2910**, and if you desaturate by 10%, it is **131.7930, 5.3170, 8.2690**.

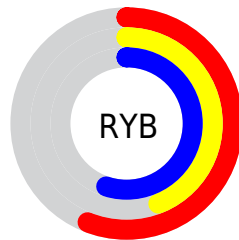
Distribution



Red (56%)

Green (44%)

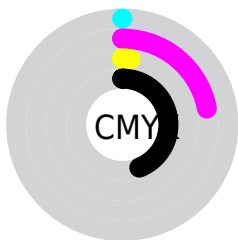
Blue (55%)



Red (56%)

Yellow (44%)

Blue (55%)

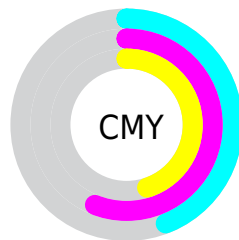


Cyan (0%)

Magenta (22%)

Yellow (2%)

Black (44%)



Cyan (44%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 123.4610, 9.4880, 15.2800 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 123.4610, 9.4880, 15.2800 by changing the saturation by 10% instead.


 123.4610, 9.4880,
15.2800


 123.4610, 9.4880,
15.2800


255.0000, -0.0000,
-0.0000


 98.1620, 8.8920,
15.0680


 176.2870, 10.0380,
16.3260


 74.3360, 8.3420,
14.0220


 203.5860, 10.6340,
16.5380

 51.9230, 8.0670,
13.4990

 231.9990, 10.9090,
17.0610

 30.0970, 7.5170,
12.4530

 249.7170, 2.4750,
4.7070

 10.6950, 8.7090,
12.8770

 0.0000, 0.0000,
0.0000

■ 123.4610, 9.4880,
15.2800

■ 123.4610, 9.4880,
15.2800

■ 115.1290, 13.6590,
22.2910

■ 131.7930, 5.3170,
8.2690

■ 106.6830, 18.1510,
28.9910

■ 140.2390, 0.8250,
1.5690

■ 97.7640, 22.5970,
36.5250

■ 149.1580, -3.6210,
-5.9650

■ 89.3180, 27.0890,
43.2250

■ 157.6040, -8.1130,
-12.6650

■ 80.9860, 31.2600,
50.2360

■ 165.9360,
-12.2840, -19.6760

■ 72.6540, 35.4310,
57.2470

■ 174.2680,
-16.4550, -26.6870

■ 64.2080, 39.9230,
63.9470

■ 182.7140,
-20.9470, -33.3870

■ 57.0500, 43.5440,

■ 191.6330,

69.9120

-25.3930, -40.9210

 199.9650,
-29.5640, -47.9320

Harmonies

Analogous

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



121.7840, -7.6590, 12.1570



123.4610, 9.4880, 15.2800



123.3500, 22.9220, 14.1060

Triad

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



123.4610, 9.4880, 15.2800



119.7230, 19.5330, -7.0830



112.4450, -38.2820, -11.0660

Complementary

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



123.4610, 9.4880, 15.2800



129.5390, -9.4880, -15.2800

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.



113.1980, -27.4610, -14.4450



123.4610, 9.4880, 15.2800



118.3190, 5.8710, -12.7930

Square

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



123.4610, 9.4880, 15.2800



121.0710, 27.6010, 0.8890



115.4680, -10.7260, -14.8700



114.6720, -37.1830, -3.4470

Rectangle

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



123.4610, 9.4880, 15.2800



122.5800, 27.9660, 10.7980



115.4680, -10.7260, -14.8700



112.1740, -36.0810, -12.4090

Sweetspot

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



123.4610, 9.4880, 15.2800



176.1410, 4.2170, 6.1770



115.4310, -8.1630, 10.2770



87.1900, 2.5210, 3.8730



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



123.4610, 9.4880, 15.2800



155.2540, 14.8050, 23.5490



121.7510, 14.3030, 10.6150



66.8910, 1.9250, 3.6610



54.2730, 41.2980, 66.5620



3.1900, 2.5210, 3.8730

Inverse Universe

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



123.4610, 9.4880, 15.2800



155.2540, 14.8050, 23.5490



131.2490, -14.3030, -10.6150



66.8910, 1.9250, 3.6610



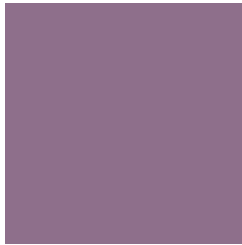
54.2730, 41.2980, 66.5620



3.1900, 2.5210, 3.8730

Previews

White Background



This preview shows how the YIQ color 123.4610, 9.4880, 15.2800 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 123.4610, 9.4880, 15.2800 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 × Fail

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

YIQ 123.4610, 9.4880, 15.2800

Background



This preview shows how black text looks on a background with the YIQ color 123.4610, 9.4880, 15.2800.



This preview shows how white text looks on a background with the YIQ color 123.4610, 9.4880,

15.2800.

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

123.4610, 9.4880, 15.2800

Protanopia

121.6540, -10.4090, 6.9270

Deuteranopia

122.3730, -2.2480, 7.7040



Tritanopia

122.8000, 12.6070, 8.3110

Trichromacy



Original Color

123.4610, 9.4880, 15.2800

Protanomaly

122.3560, -3.5780, 9.7820

Deuteranomaly

122.4060, 2.1530, 10.5450

Tritanomaly

123.1960, 11.5520, 10.9120

Monochromacy



Original Color

123.4610, 9.4880, 15.2800

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.4290, 3.3460, 5.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.4610, 9.4880, 15.2800 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(142, 111, 139)` looks like.

```
.text, #text, p{  
    color:rgb(142, 111, 139)  
}
```

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(142, 111, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 111, 139) }
```

Border

The CSS property to change the border of an element to YIQ 123.4610, 9.4880, 15.2800 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(142, 111, 139) }
```


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

```
.border{ border-color:rgb(142, 111, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 111, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 111, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 111, 139);  
box-shadow:4px 4px 4px 4px rgb(142, 111,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 123.4610, 9.4880, 15.2800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 111, 139) }
```

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

```
.background{ background-color: rgb(142,  
111, 139) }
```

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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