

Converting Colors

YIQ(119.8870, 16.9160, 12.8200)

Have a look what the booklet for
YIQ(119.8870, 16.9160, 12.8200)
contains.

YIQ(119.8870, 16.9160, 12.8200)	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(119.8870, 16.9160,
12.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	906B7B
RGB	144, 107, 123
RGB Percent	56%, 42%, 48%
CMY	0.4352, 0.5804, 0.5176
CMYK	0.00, 0.26, 0.15, 0.44
HSL	334°, 15%, 49%
HSV	334°, 26%, 56%
XYZ	20.3381, 17.8741, 21.1216
YIQ	119.8870, 16.9160, 12.8200

Conversions

Conversions Part 2

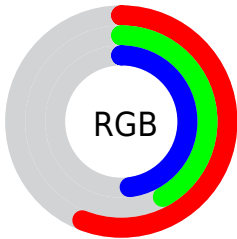
Format	Color
RYB	144, 107, 123
Decimal	9464699
CIELab	49.34, 17.41, -3.12
CIELCh	49, 17.687, 349.854
Yxy	17.8741, 0.3428, 0.3012
Android (android.graphics.Color)	4287654779 (0xFF906B7B)
YUV	119.8870, 1.5347, 21.1471
Hunter-Lab	42.2778, 11.8827, -0.0263

Details

The YIQ color **119.8870, 16.9160, 12.8200** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **131.1130, -16.9160, -12.8200**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.4850, 18.1080, 13.2440**, and **70.8760, 15.4490, 11.8730** is the 20% darker color. If you saturate the color by 10%, you get **110.7570, 23.3340, 17.6540**, and if you desaturate by 10%, it is **129.0170, 10.4980, 7.9860**.

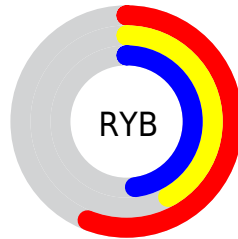
Distribution



Red (56%)

Green (42%)

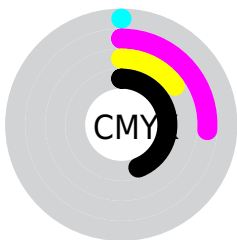
Blue (48%)



Red (56%)

Yellow (42%)

Blue (48%)

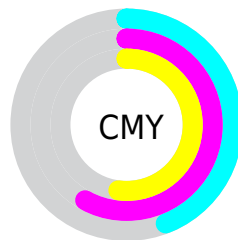


Cyan (0%)

Magenta (26%)

Yellow (15%)

Black (44%)



Cyan (44%)

Magenta (58%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.8870, 16.9160, 12.8200 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 119.8870, 16.9160, 12.8200 by changing the saturation by 10% instead.

■ 119.8870, 16.9160,
12.8200

■ 119.8870, 16.9160,
12.8200

■ 255.0000, -0.0000,
-0.0000

■ 95.1750, 16.0450,
12.0850

■ 172.4850, 18.1080,
13.2440

■ 70.8760, 15.4490,
11.8730

■ 200.1970, 18.9790,
13.9790

■ 48.2780, 14.2570,
11.4490

■ 227.6100, 19.2540,
14.5020

■ 26.6800, 13.0650,
11.0250

■ 247.3690, 3.5750,
6.7990

■ 8.6430, 14.4870,
7.2790

■ 0.0000, 0.0000,
0.0000

■ 119.8870, 16.9160,
12.8200

■ 119.8870, 16.9160,
12.8200

■ 110.7570, 23.3340,
17.6540

■ 129.0170, 10.4980,
7.9860

■ 101.0400, 30.0270,
23.0110

■ 138.7340, 3.8050,
2.6290

■ 91.9100, 36.4450,
27.8450

■ 147.9780, -2.9340,
-1.8940

■ 82.0790, 43.4590,
32.8910

■ 157.6950, -9.6270,
-7.2510

■ 72.9490, 49.8770,
37.7250

■ 166.8250,
-16.0450, -12.0850

■ 63.8190, 56.2950,
42.5590

■ 175.9550,
-22.4630, -16.9190

■ 54.1020, 62.9880,
47.9160


■ 185.6720,
-29.1560, -22.2760

■ 50.1240, 65.9220,

■ 194.8020,

49.8100

-35.5740, -27.1100

 204.6330,
-42.5880, -32.1560

Harmonies

Analogous

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



119.6560, 4.4450, 13.0610



119.8870, 16.9160, 12.8200



119.3730, 24.1150, 9.0030

Triad

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



119.8870, 16.9160, 12.8200



115.2810, 9.0340, -9.5420



112.0700, -32.5520, -4.7760

Complementary

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



119.8870, 16.9160, 12.8200



131.1130, -16.9160, -12.8200

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.



110.8650, -30.7170, -10.5010



119.8870, 16.9160, 12.8200



113.5720, -5.0870, -12.4390

Square

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



119.8870, 16.9160, 12.8200



117.3040, 19.3950, -4.5810



111.4440, -19.3460, -12.8340



114.8910, -24.4380, 2.3620

Rectangle

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



119.8870, 16.9160, 12.8200



118.9230, 25.2620, 4.7340



111.4440, -19.3460, -12.8340



111.3040, -33.3310, -7.1790

Sweetspot

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



119.8870, 16.9160, 12.8200



176.2830, 6.6930, 5.3570



117.4970, 0.6390, 15.9590



88.1470, 4.0800, 3.1520



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.8870, 16.9160, 12.8200



148.1920, 26.5430, 20.0710



119.2370, 21.5020, 6.7980



66.4350, 3.2090, 2.4170



46.9770, 61.8420, 46.6580



2.7340, 3.8050, 2.6290

Inverse Universe

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



119.8870, 16.9160, 12.8200



148.1920, 26.5430, 20.0710



131.7630, -21.5020, -6.7980



66.4350, 3.2090, 2.4170



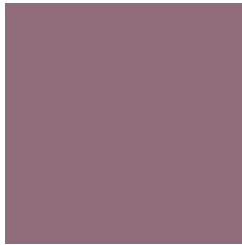
46.9770, 61.8420, 46.6580



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 119.8870, 16.9160, 12.8200 looks on a white background.

Color Contrast Check

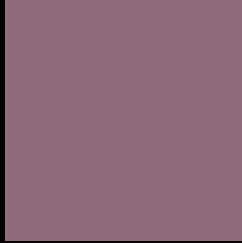
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 119.8870, 16.9160, 12.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

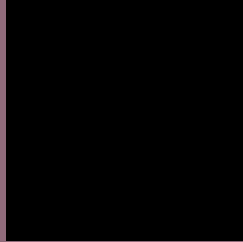
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.8870, 16.9160, 12.8200

Background



This preview shows how black text looks on a background with the YIQ color 119.8870, 16.9160, 12.8200.



This preview shows how white text looks on a background with the YIQ color 119.8870, 16.9160,

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

119.8870, 16.9160, 12.8200

Protanopia

118.0690, -4.4480, 3.5200

Deuteranopia

118.7990, 5.1800, 5.2440



Tritanopia

119.3770, 18.2920, 9.9080

Trichromacy



Original Color

119.8870, 16.9160, 12.8200

Protanomaly

118.4830, 3.2540, 7.1100

Deuteranomaly

118.8320, 9.5810, 8.0850

Tritanomaly

119.7190, 17.3290, 10.8410

Monochromacy



Original Color

119.8870, 16.9160, 12.8200

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8700, 6.4180, 4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8870, 16.9160, 12.8200 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(144, 107, 123)` looks like.

```
.text, #text, p{  
    color:rgb(144, 107, 123)  
}
```

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(144, 107, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 107, 123) }
```

Border

The CSS property to change the border of an element to YIQ 119.8870, 16.9160, 12.8200 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(144, 107, 123) }
```


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

```
.border{ border-color:rgb(144, 107, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 107, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 107, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 107, 123);  
box-shadow:4px 4px 4px 4px rgb(144, 107,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8870, 16.9160, 12.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 107, 123) }
```

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

```
.background{ background-color: rgb(144,  
107, 123) }
```

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