

Converting Colors

YIQ(102.4610, 9.4880, 15.2800)

Have a look what the booklet for
YIQ(102.4610, 9.4880, 15.2800)
contains.

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Color

**YIQ(102.4610, 9.4880,
15.2800)**

Conversions

Conversions Part 1

Format	Color
Hex	795A76
RGB	121, 90, 118
RGB Percent	47%, 35%, 46%
CMY	0.5254, 0.6471, 0.5372
CMYK	0.00, 0.26, 0.02, 0.53
HSL	306°, 15%, 41%
HSV	306°, 26%, 47%
XYZ	14.8137, 12.6849, 18.8085
YIQ	102.4610, 9.4880, 15.2800

Conversions

Conversions Part 2

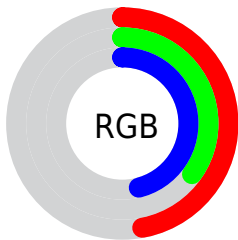
Format	Color
R_{YB}	121, 90, 118
Decimal	7953014
CIE Lab	42.28, 17.85, -10.89
CIE LCh	42, 20.914, 328.605
Yxy	12.6849, 0.3199, 0.2739
Android (android.graphics.Color)	4286143094 (0xFF795A76)
YUV	102.4610, 7.6607, 16.2587
Hunter-Lab	35.6158, 11.9161, -6.3795

Details

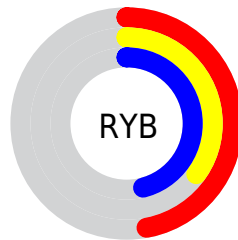
The YIQ color **102.4610, 9.4880, 15.2800** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **108.5390, -9.4880, -15.2800**, and the grayscale version is **102.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **153.5860, 10.6340, 16.5380**, and **55.3360, 8.3420, 14.0220** is the 20% darker color. If you saturate the color by 10%, you get **95.3030, 13.1090, 21.2450**, and if you desaturate by 10%, it is **109.6190, 5.8670, 9.3150**.

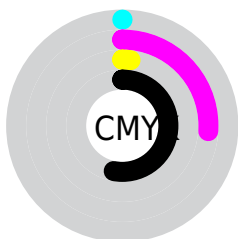
Distribution



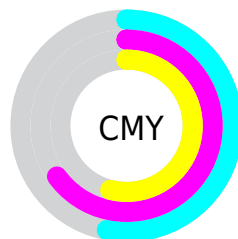
- Red (47%)
- Green (35%)
- Blue (46%)



- Red (47%)
- Yellow (35%)
- Blue (46%)



- Cyan (0%)
- Magenta (26%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (65%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 102.4610, 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 102.4610, 9.4880, 15.2800 by changing the saturation by 10% instead.

■ 102.4610, 9.4880,
15.2800

■ 102.4610, 9.4880,
15.2800

■ 255.0000, -0.0000,
-0.0000

■ 78.0480, 9.2130,
14.7570

■ 153.5860, 10.6340,
16.5380

■ 55.3360, 8.3420,
14.0220

■ 180.5860, 10.6340,
16.5380

■ 32.9230, 8.0670,
13.4990

■ 207.9990, 10.9090,
17.0610

■ 12.0480, 9.2130,
14.7570

■ 235.5150, 9.3960,
16.9480

■ 0.0000, 0.0000,
0.0000

■ 252.6520, 1.1000,
2.0920

■ 102.4610, 9.4880,
15.2800

■ 102.4610, 9.4880,
15.2800

■ 95.3030, 13.1090,
21.2450

■ 109.6190, 5.8670,
9.3150

■ 88.1450, 16.7300,
27.2100

■ 116.7770, 2.2460,
3.3500

■ 80.8730, 20.6720,
32.8640

■ 124.0490, -1.6960,
-2.3040

■ 73.7150, 24.2930,
38.8290

■ 131.2070, -5.3170,
-8.2690

■ 65.9700, 28.1890,
45.3170

■ 138.9520, -9.2130,
-14.7570

■ 58.8120, 31.8100,
51.2820

■ 146.1100,
-12.8340, -20.7220

■ 51.6540, 35.4310,
57.2470


■ 153.2680,
-16.4550, -26.6870

■ 48.6050, 37.1270,

■ 160.4260,

59.5510

-20.0760, -32.6520

 167.6980,
-24.0180, -38.3060

Harmonies

Analogous

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



101.3710, -7.9340, 11.6340



102.4610, 9.4880, 15.2800



102.0510, 22.3260, 13.8940

Triad

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



102.4610, 9.4880, 15.2800



98.7230, 19.5330, -7.0830



90.0640, -41.5830, -11.8150

Complementary

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



102.4610, 9.4880, 15.2800



108.5390, -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.



91.6000, -28.6530, -14.8690



102.4610, 9.4880, 15.2800



97.3190, 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.



102.4610, 9.4880, 15.2800



100.6580, 27.3260, 0.3660



94.1690, -11.3220, -15.0820



92.4760, -39.5670, -4.2950

Rectangle

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



102.4610, 9.4880, 15.2800



101.3950, 27.0490, 10.8970



94.1690, -11.3220, -15.0820



90.2770, -37.8690, -13.0450

Sweetspot

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



102.4610, 9.4880, 15.2800



150.2550, 3.8960, 6.4880



94.4310, -8.1630, 10.2770



74.1900, 2.5210, 3.8730



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



102.4610, 9.4880, 15.2800



128.6670, 15.0800, 24.0720



100.7510, 14.3030, 10.6150



57.4780, 1.6500, 3.1380



50.2570, 38.2270, 61.6430



101.3400, 77.0040, 124.3320

Inverse Universe

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



102.4610, 9.4880, 15.2800



128.6670, 15.0800, 24.0720



110.2490, -14.3030, -10.6150



57.4780, 1.6500, 3.1380



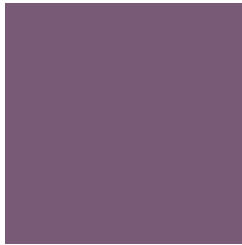
50.2570, 38.2270, 61.6430



101.3400, 77.0040, 124.3320

Previews

White Background



This preview shows how the YIQ color 102.4610, 9.4880, 15.2800 looks on a white background.

Color Contrast Check

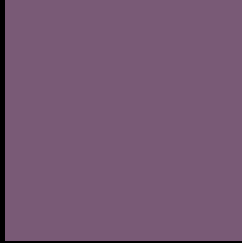
Large Text (above 18pt) WCAG AA ✓ Pass

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 102.4610, 9.4880, 15.2800 looks on a black 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

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

YIQ 102.4610, 9.4880, 15.2800

Background



This preview shows how black text looks on a background with the YIQ color 102.4610, 9.4880, 15.2800.



This preview shows how white text looks on a background with the YIQ color 102.4610, 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

102.4610, 9.4880, 15.2800

Protanopia

100.3550, -11.0050, 6.7150

Deuteranopia

101.3620, -3.7150, 6.7570



Tritanopia

101.5720, 13.2490, 7.6890

Trichromacy



Original Color

102.4610, 9.4880, 15.2800

Protanomaly

101.3560, -3.5780, 9.7820

Deuteranomaly

101.6940, 1.2820, 9.8100

Tritanomaly

102.0820, 11.8730, 10.6010

Monochromacy



Original Color

102.4610, 9.4880, 15.2800

Achromatopsia

102.0000, -0.0000, -0.0000

Achromatomaly

102.4290, 3.3460, 5.4420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 102.4610, 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(121, 90, 118)` looks like.

```
.text, #text, p{  
    color:rgb(121, 90, 118)  
}
```

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(121, 90, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 90, 118) }
```

Border

The CSS property to change the border of an element to YIQ 102.4610, 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(121, 90, 118) }
```


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

```
.border{ border-color:rgb(121, 90, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 90, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 90, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 90, 118);  
box-shadow:4px 4px 4px 4px rgb(121, 90,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 102.4610, 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(121, 90, 118) }
```

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

```
.background{ background-color: rgb(121, 90,  
118) }
```

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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