

# Converting Colors

YIQ(119.2800, 11.9160, 26.3480)

Have a look what the booklet for  
YIQ(119.2800, 11.9160, 26.3480)  
contains.

<b>YIQ(119.2800, 11.9160, 26.3480)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(119.2800, 11.9160,  
26.3480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	936397
RGB	147, 99, 151
RGB Percent	58%, 39%, 59%
CMY	0.4234, 0.6118, 0.4078
CMYK	0.03, 0.34, 0.00, 0.41
HSL	295°, 21%, 49%
HSV	295°, 34%, 59%
XYZ	22.0853, 17.3608, 31.4659
YIQ	119.2800, 11.9160, 26.3480

# Conversions

## Conversions Part 2

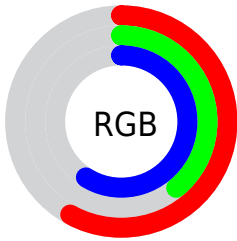
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	147, 99, 151
Decimal	9659287
CIE <sub>Lab</sub>	48.71, 28.46, -20.66
CIE <sub>LCh</sub>	49, 35.168, 324.030
Yxy	17.3608, 0.3114, 0.2448
Android (android.graphics.Color)	4287849367 (0xFF936397)
YUV	119.2800, 15.6380, 24.3104
Hunter-Lab	41.6663, 21.6983, -15.6086

# Details

The YIQ color **119.2800, 11.9160, 26.3480** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **130.7200, -11.9160, -26.3480**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4050, 13.0620, 27.6060**, and **69.7420, 10.4950, 24.5670** is the 20% darker color. If you saturate the color by 10%, you get **110.1760, 15.4450, 33.9810**, and if you desaturate by 10%, it is **128.3840, 8.3870, 18.7150**.

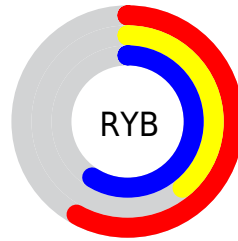
# Distribution



Red (58%)

Green (39%)

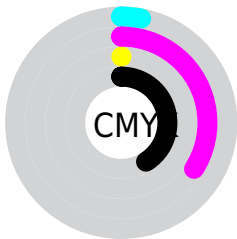
Blue (59%)



Red (58%)

Yellow (39%)

Blue (59%)

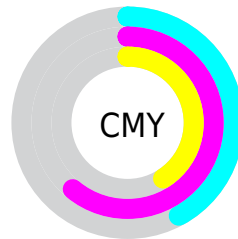


Cyan (3%)

Magenta (34%)

Yellow (0%)

Black (41%)



Cyan (42%)

Magenta (61%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 119.2800, 11.9160, 26.3480 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 119.2800, 11.9160, 26.3480 by changing the saturation by 10% instead.



■ 119.2800, 11.9160,  
26.3480

■ 119.2800, 11.9160,  
26.3480

■ 255.0000, -0.0000,  
-0.0000

■ 93.8670, 11.6410,  
25.8250

■ 172.4050, 13.0620,  
27.6060

■ 69.7420, 10.4950,  
24.5670

■ 199.9320, 13.0160,  
28.4400

■ 46.3290, 10.2200,  
24.0440

■ 225.6500, 13.7500,  
26.1500

■ 23.0300, 9.6240,  
23.8320

■ 242.6730, 5.7750,  
10.9830

■ 12.0200, 6.4160,  
15.8880

■ 0.3420, -0.9630,  
0.9330

■ 0.0000, 0.0000,

0.0000

■ 119.2800, 11.9160,  
26.3480

■ 119.2800, 11.9160,  
26.3480

■ 110.1760, 15.4450,  
33.9810

■ 128.3840, 8.3870,  
18.7150

■ 101.0720, 18.9740,  
41.6140

■ 137.4880, 4.8580,  
11.0820

■ 91.9680, 22.5030,  
49.2470

■ 146.5920, 1.3290,  
3.4490

■ 82.5650, 25.4360,  
56.6680

■ 155.9950, -1.6040,  
-3.9720

■ 72.8740, 29.2400,  
64.8240

■ 165.0990, -5.1330,  
-11.6050

■ 63.7700, 32.7690,  
72.4570

■ 174.7900, -8.9370,  
-19.7610

■ 58.7750, 34.3730,  
76.4290

■ 183.8940,  
-12.4660, -27.3940

■ 192.9980,  
-15.9950, -35.0270

■ 202.1020,  
-19.5240, -42.6600

# Harmonies

## Analogous

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



116.5410, -19.8560, 18.4480



119.2800, 11.9160, 26.3480



118.2580, 35.3450, 25.7530

# Triad

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



119.2800, 11.9160, 26.3480



113.5750, 34.3890, -12.0030



92.7430, -80.6440, -25.2840

# Complementary

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



119.2800, 11.9160, 26.3480



130.7200, -11.9160, -26.3480

# 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.



94.4060, -60.8820, -31.0100



119.2800, 11.9160, 26.3480



110.7570, 13.0250, -21.3030

# Square

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



119.2800, 11.9160, 26.3480



115.1780, 46.3530, 2.4570



106.3820, -16.7760, -26.3760



93.7180, -87.5230, -16.2510



# Rectangle

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



119.2800, 11.9160, 26.3480



117.1740, 44.1490, 20.3810



106.3820, -16.7760, -26.3760



91.6030, -77.4340, -28.3940

# Sweetspot

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



119.2800, 11.9160, 26.3480



184.5480, 4.6290, 9.7250



107.2760, -17.7920, 14.0800



92.5430, 3.0250, 5.7530



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000



# Same Dimension

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



119.2800, 11.9160, 26.3480



147.2460, 18.4240, 40.5680



117.9680, 21.3620, 20.3540



72.0050, 1.6040, 3.9720



54.8300, 32.5400, 71.1000



5.0700, 2.9790, 6.5870



# Inverse Universe

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



115.0040, 29.7080, 12.2680



140.6040, 45.7540, 18.8260



132.0320, -21.3620, -20.3540



71.3920, 4.7680, 1.6960



43.1140, 79.9090, 33.1010

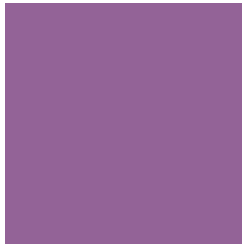


4.0010, 7.4270, 3.0670



# Previews

## White Background



This preview shows how the YIQ color 119.2800, 11.9160, 26.3480 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 119.2800, 11.9160, 26.3480 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

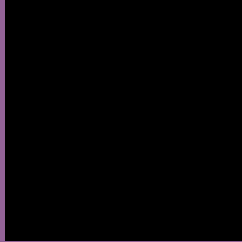
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 119.2800, 11.9160, 26.3480

## Background



This preview shows how black text looks on a background with the YIQ color 119.2800, 11.9160, 26.3480.



This preview shows how white text looks on a background with the YIQ color 119.2800, 11.9160,



# 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

119.2800, 11.9160, 26.3480

### Protanopia

115.6990, -23.4770, 12.4830

### Deuteranopia

116.6800, -13.2980, 9.7260



## Tritanopia

117.7900, 18.5670, 10.4310

# Trichromacy



## Original Color

119.2800, 11.9160, 26.3480

## Protanomaly

117.3910, -10.6860, 17.4580

## Deuteranomaly

117.7460, -4.4960, 15.4080

## Tritanomaly

118.1090, 16.4110, 16.4670

# Monochromacy



## Original Color

119.2800, 11.9160, 26.3480

## Achromatopsia

119.0000, -0.0000, 0.0000

## Achromatomaly

119.2490, 4.0330, 9.5130

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 119.2800, 11.9160, 26.3480 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(147, 99, 151)` looks like.

```
.text, #text, p{  
    color:rgb(147, 99, 151)  
}
```

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(147, 99, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 99, 151) }
```

## Border

The CSS property to change the border of an element to YIQ 119.2800, 11.9160, 26.3480 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(147, 99, 151) }
```



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

```
.border{ border-color:rgb(147, 99, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 99, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 99, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 99, 151);  
box-shadow:4px 4px 4px 4px rgb(147, 99,  
151) }
```

# Background

The CSS property to change the background color of an element to YIQ 119.2800, 11.9160, 26.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 99, 151) }
```

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

```
.background{ background-color: rgb(147, 99,  
151) }
```

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