

# Converting Colors

YIQ(125.3590, 1.5080, 27.7480)

Have a look what the booklet for  
YIQ(125.3590, 1.5080, 27.7480)  
contains.

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# Color

**YIQ(125.3590, 1.5080,  
27.7480)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	906BAB
RGB	144, 107, 171
RGB Percent	56%, 42%, 67%
CMY	0.4352, 0.5804, 0.3295
CMYK	0.16, 0.37, 0.00, 0.33
HSL	275°, 28%, 55%
HSV	275°, 37%, 67%
XYZ	24.1130, 19.3843, 40.9932
YIQ	125.3590, 1.5080, 27.7480

# Conversions

## Conversions Part 2

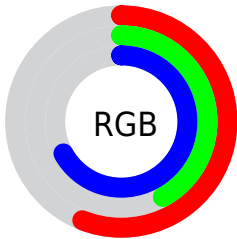
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 107, 171
Decimal	9464747
CIELab	51.13, 27.16, -28.67
CIELCh	51, 39.487, 313.448
Yxy	19.3843, 0.2854, 0.2294
Android (android.graphics.Color)	4287654827 (0xFF906BAB)
YUV	125.3590, 22.5010, 16.3482
Hunter-Lab	44.0276, 20.7126, -24.3844

# Details

The YIQ color **125.3590, 1.5080, 27.7480** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **152.6410, -1.5080, -27.7480**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7120, 2.0120, 29.6280**, and **75.5930, 0.7290, 25.3450** is the 20% darker color. If you saturate the color by 10%, you get **113.2870, 2.0110, 35.1550**, and if you desaturate by 10%, it is **137.4310, 1.0050, 20.3410**.

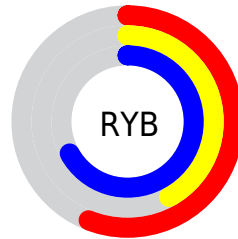
# Distribution



Red (56%)

Green (42%)

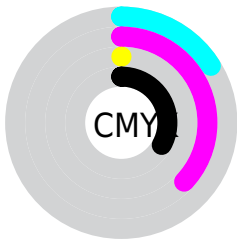
Blue (67%)



Red (56%)

Yellow (42%)

Blue (67%)

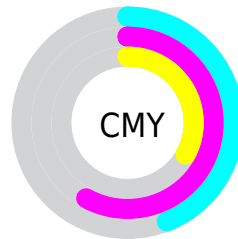


Cyan (16%)

Magenta (37%)

Yellow (0%)

Black (33%)



Cyan (44%)

Magenta (58%)

Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 125.3590, 1.5080, 27.7480 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 125.3590, 1.5080, 27.7480 by changing the saturation by 10% instead.



125.3590, 1.5080,  
27.7480

125.3590, 1.5080,  
27.7480

255.0000, -0.0000,  
-0.0000

99.8320, 1.5540,  
26.9140

178.7120, 2.0120,  
29.6280

75.5930, 0.7290,  
25.3450

206.1250, 2.2870,  
30.1510

52.0660, 0.7750,  
24.5110

230.9330, 11.2750,  
21.4430

29.3540, -0.0960,  
23.7760

247.3690, 3.5750,  
6.7990

13.1320, 0.4090,  
20.1290

3.4370, -8.3000,  
7.2520

0.0000, 0.0000,

0.0000

125.3590, 1.5080,  
27.7480

125.3590, 1.5080,  
27.7480

113.2870, 2.0110,  
35.1550

137.4310, 1.0050,  
20.3410

101.2150, 2.5140,  
42.5620

149.5030, 0.5020,  
12.9340

88.8440, 2.4210,  
49.7570

161.8740, 0.5950,  
5.7390

76.7720, 2.9240,  
57.1640

173.9460, 0.0920,  
-1.6680

64.1130, 3.7020,  
65.0940

186.0180, -0.4110,  
-9.0750

52.0410, 4.2050,  
72.5010

198.6770, -1.1890,  
-17.0050

■ 49.0950, 4.1130,  
74.1690

■ 210.7490, -1.6920,  
-24.4120

■ 223.1200, -1.5990,  
-31.6070

■ 231.6700, -0.4520,  
-35.8760

# Harmonies

## Analogous

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



119.5650, -37.5990, 15.1130



125.3590, 1.5080, 27.7480



124.8650, 32.3180, 31.0540

# Triad

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



125.3590, 1.5080, 27.7480



119.6580, 44.5210, -8.3990



97.0970, -81.8810, -30.4010

# Complementary

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



125.3590, 1.5080, 27.7480



152.6410, -1.5080, -27.7480

# 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.



102.9850, -49.5110, -33.3430



125.3590, 1.5080, 27.7480



117.5040, 23.9830, -21.6570

# Square

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



125.3590, 1.5080, 27.7480



121.2870, 53.5960, 8.8600



113.0750, -5.7260, -28.3980



99.4570, -91.2820, -19.7140



# Rectangle

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



125.3590, 1.5080, 27.7480



123.1730, 45.8900, 27.3780



113.0750, -5.7260, -28.3980



95.8430, -78.3500, -33.8220

# Sweetspot

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



125.3590, 1.5080, 27.7480



204.3350, 0.9150, 10.9550



130.7320, -28.2440, 5.2600



101.9880, 0.2740, 6.0500



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000



# Same Dimension

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



125.3590, 1.5080, 27.7480



150.7420, 2.4680, 43.3960



132.9760, 18.8840, 32.2280



80.5210, 0.0910, 3.8590



43.1130, 3.7020, 65.0940



6.5090, 0.3650, 9.9090



# Inverse Universe

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



129.2140, 29.4770, 21.9650



156.6880, 46.1180, 34.2620



145.0240, -18.8840, -32.2280



81.1470, 4.0800, 3.1520



52.0320, 69.1770, 51.3930



8.0170, 10.4980, 7.9860



# Previews

## White Background



This preview shows how the YIQ color 125.3590, 1.5080, 27.7480 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 125.3590, 1.5080, 27.7480 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

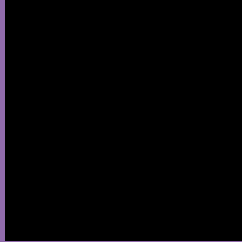
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 125.3590, 1.5080, 27.7480

## Background



This preview shows how black text looks on a background with the YIQ color 125.3590, 1.5080, 27.7480.



This preview shows how white text looks on a background with the YIQ color 125.3590, 1.5080,



# 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

125.3590, 1.5080, 27.7480

### Protanopia

121.3870, -31.2260, 15.2540

### Deuteranopia

121.5850, -23.1560, 12.1720



## Tritanopia

123.4190, 9.3060, 7.5620

# Trichromacy



## Original Color

125.3590, 1.5080, 27.7480

## Protanomaly

122.7800, -19.0310, 20.0170

## Deuteranomaly

122.6510, -14.3540, 17.8540

## Tritanomaly

124.3790, 6.7830, 14.7430

# Monochromacy



## Original Color

125.3590, 1.5080, 27.7480

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.9220, 0.6400, 10.4320

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 125.3590, 1.5080, 27.7480 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(144, 107, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 107, 171) }
```

## Border

The CSS property to change the border of an element to YIQ 125.3590, 1.5080, 27.7480 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, 171) }
```



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

```
.border{ border-color:rgb(144, 107, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 107, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 107, 171);  
box-shadow:4px 4px 4px 4px rgb(144, 107,  
171) }
```

# Background

The CSS property to change the background color of an element to YIQ 125.3590, 1.5080, 27.7480 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, 171) }
```

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

```
.background{ background-color: rgb(144,  
107, 171) }
```

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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