

# Converting Colors

YIQ(113.5990, 9.7600, 32.3840)

Have a look what the booklet for  
YIQ(113.5990, 9.7600, 32.3840)  
contains.

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# Color

**YIQ(113.5990, 9.7600,  
32.3840)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F5A9E
RGB	143, 90, 158
RGB Percent	56%, 35%, 62%
CMY	0.4390, 0.6471, 0.3804
CMYK	0.09, 0.43, 0.00, 0.38
HSL	287°, 27%, 49%
HSV	287°, 43%, 62%
XYZ	21.1607, 15.6206, 34.2459
YIQ	113.5990, 9.7600, 32.3840

# Conversions

## Conversions Part 2

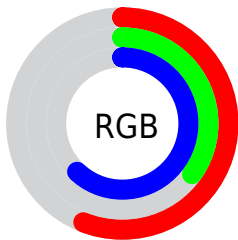
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	143, 90, 158
Decimal	9394846
CIE Lab	46.47, 33.76, -28.30
CIE LCh	46, 44.054, 320.028
Yxy	15.6206, 0.2979, 0.2199
Android (android.graphics.Color)	4287584926 (0xFF8F5A9E)
YUV	113.5990, 21.8897, 25.7847
Hunter-Lab	39.5229, 26.4045, -23.7078

# Details

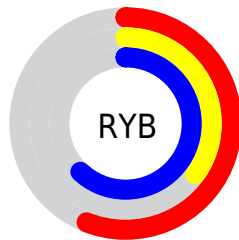
The YIQ color **113.5990, 9.7600, 32.3840** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.4010, -9.7600, -32.3840**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2510, 10.8600, 34.4760**, and **63.9470, 8.6600, 30.2920** is the 20% darker color. If you saturate the color by 10%, you get **103.3100, 12.3720, 40.1160**, and if you desaturate by 10%, it is **124.1870, 7.7440, 24.8640**.

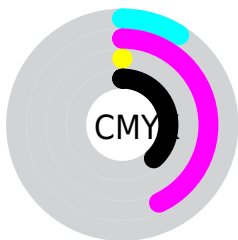
# Distribution



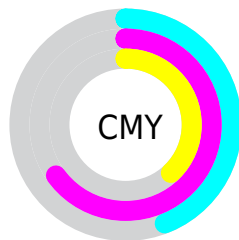
- Red (56%)
- Green (35%)
- Blue (62%)



- Red (56%)
- Yellow (35%)
- Blue (62%)



- Cyan (9%)
- Magenta (43%)
- Yellow (0%)
- Black (38%)



- Cyan (44%)
- Magenta (65%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 113.5990, 9.7600, 32.3840 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 113.5990, 9.7600, 32.3840 by changing the saturation by 10% instead.



113.5990, 9.7600,  
32.3840

113.5990, 9.7600,  
32.3840

255.0000, -0.0000,  
-0.0000

88.7730, 9.2100,  
31.3380

166.2510, 10.8600,  
34.4760

63.9470, 8.6600,  
30.2920

193.6640, 11.1350,  
34.9990

39.6480, 8.0640,  
30.0800

220.3670, 16.2250,  
30.8570

19.1700, 6.4140,  
26.9420

236.8030, 8.5250,  
16.2130

9.7850, -0.2320,  
15.2240

253.8260, 0.5500,  
1.0460

1.3680, -3.8520,  
3.7320

0.0000, 0.0000,

0.0000

■ 113.5990, 9.7600,  
32.3840

■ 113.5990, 9.7600,  
32.3840

■ 103.3100, 12.3720,  
40.1160

■ 124.1870, 7.7440,  
24.8640

■ 92.7220, 14.3880,  
47.6360

■ 134.4760, 5.1320,  
17.1320

■ 83.0200, 16.7250,  
54.8450

■ 144.1780, 2.7950,  
9.9230

■ 72.4320, 18.7410,  
62.3650

■ 154.7660, 0.7790,  
2.4030

■ 62.1430, 21.3530,  
70.0970

■ 165.0550, -1.8330,  
-5.3290

■ 54.7890, 22.5900,  
75.2140

■ 175.6430, -3.8490,  
-12.8490

■ 185.9320, -6.4610,  
-20.5810

■ 195.9330, -8.2020,  
-27.5780

■ 206.2220,  
-10.8140, -35.3100

# Harmonies

## Analogous

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



109.0650, -33.0150, 20.1450



113.5990, 9.7600, 32.3840



111.0510, 40.6620, 34.0220

# Triad

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



113.5990, 9.7600, 32.3840



106.9690, 44.8430, -14.2370



90.4120, -78.2140, -25.2700

# Complementary

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



113.5990, 9.7600, 32.3840



134.4010, -9.7600, -32.3840

# 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.



85.4930, -65.7410, -36.5650



113.5990, 9.7600, 32.3840



103.7760, 20.0410, -27.3110

# Square

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



113.5990, 9.7600, 32.3840



108.6200, 56.8520, 4.9160



97.5790, -16.1330, -32.5250



92.2990, -87.6610, -13.7490



# Rectangle

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



113.5990, 9.7600, 32.3840



109.7070, 53.1340, 28.2540



97.5790, -16.1330, -32.5250



89.0440, -74.3620, -29.0020

# Sweetspot

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



113.5990, 9.7600, 32.3840



189.3570, 3.8490, 12.8490



107.1440, -26.2280, 12.7800



93.8250, 2.2910, 8.0430



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



113.5990, 9.7600, 32.3840



136.4280, 15.3960, 51.3960



116.0320, 24.4780, 29.9660



73.7060, 1.0080, 3.7600



49.4910, 20.2530, 68.0050



5.2980, 2.3370, 7.2090



# Inverse Universe

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



112.0420, 35.7130, 19.0810



134.0280, 56.6640, 30.3600



131.9680, -24.4780, -29.9660



73.6200, 4.1260, 2.3180



46.2910, 75.2770, 39.9570

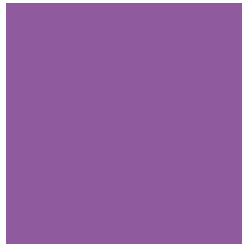


4.8270, 7.9770, 4.1130



# Previews

## White Background



This preview shows how the YIQ color 113.5990, 9.7600, 32.3840 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 113.5990, 9.7600, 32.3840 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 113.5990, 9.7600, 32.3840

## Background



This preview shows how black text looks on a background with the YIQ color 113.5990, 9.7600, 32.3840.



This preview shows how white text looks on a background with the YIQ color 113.5990, 9.7600,



# 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

113.5990, 9.7600, 32.3840

### Protanopia

108.8320, -33.9770, 15.5510

### Deuteranopia

109.9440, -22.7890, 11.0270



## Tritanopia

112.3770, 18.2920, 9.9080

# Trichromacy



## Original Color

113.5990, 9.7600, 32.3840

## Protanomaly

110.4320, -17.9310, 22.1090

## Deuteranomaly

111.0320, -11.0530, 18.6030

## Tritanomaly

112.9780, 15.4020, 18.2340

# Monochromacy



## Original Color

113.5990, 9.7600, 32.3840

## Achromatopsia

114.0000, 0.0000, 0.0000

## Achromatomaly

113.8300, 3.8950, 12.0150

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 113.5990, 9.7600, 32.3840 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(143, 90, 158)` looks like.

```
.text, #text, p{  
    color:rgb(143, 90, 158)  
}
```

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(143, 90, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 90, 158) }
```

## Border

The CSS property to change the border of an element to YIQ 113.5990, 9.7600, 32.3840 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(143, 90, 158) }
```



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

```
.border{ border-color:rgb(143, 90, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 90, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 90, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 90, 158);  
box-shadow:4px 4px 4px 4px rgb(143, 90,  
158) }
```

# Background

The CSS property to change the background color of an element to YIQ 113.5990, 9.7600, 32.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 90, 158) }
```

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

```
.background{ background-color: rgb(143, 90,  
158) }
```

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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