

# Converting Colors

YIQ(107.0410, 20.2590, 34.8430)

Have a look what the booklet for  
YIQ(107.0410, 20.2590, 34.8430)  
contains.

<b>YIQ(107.0410, 20.2590, 34.8430)</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(107.0410, 20.2590,  
34.8430)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	944F90
RGB	148, 79, 144
RGB Percent	58%, 31%, 56%
CMY	0.4194, 0.6903, 0.4353
CMYK	0.00, 0.47, 0.03, 0.42
HSL	304°, 30%, 45%
HSV	304°, 47%, 58%
XYZ	20.0507, 13.9024, 28.0153
YIQ	107.0410, 20.2590, 34.8430

# Conversions

## Conversions Part 2

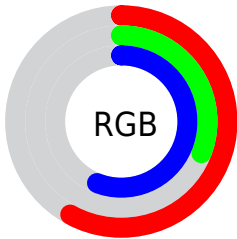
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 79, 144
Decimal	9719696
CIE <sub>Lab</sub>	44.09, 38.63, -23.60
CIE <sub>LCh</sub>	44, 45.264, 328.578
Yxy	13.9024, 0.3236, 0.2243
Android (android.graphics.Color)	4287909776 (0xFF944F90)
YUV	107.0410, 18.2208, 35.9210
Hunter-Lab	37.2860, 30.7389, -18.4481

# Details

The YIQ color **107.0410, 20.2590, 34.8430** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **119.9590, -20.2590, -34.8430**, and the grayscale version is **107.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **159.5790, 21.6800, 36.6240**, and **56.0300, 18.7920, 33.8960** is the 20% darker color. If you saturate the color by 10%, you get **98.1220, 24.7050, 42.3770**, and if you desaturate by 10%, it is **115.9600, 15.8130, 27.3090**.

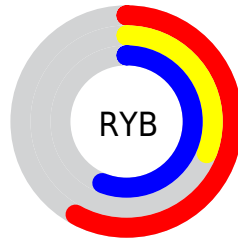
# Distribution



Red (58%)

Green (31%)

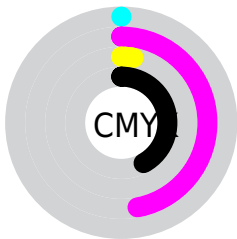
Blue (56%)



Red (58%)

Yellow (31%)

Blue (56%)

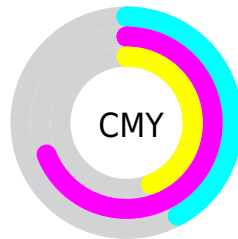


Cyan (0%)

Magenta (47%)

Yellow (3%)

Black (42%)



Cyan (42%)

Magenta (69%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 107.0410, 20.2590, 34.8430 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 107.0410, 20.2590, 34.8430 by changing the saturation by 10% instead.



■ 107.0410, 20.2590,  
34.8430

■ 107.0410, 20.2590,  
34.8430

■ 255.0000, -0.0000,  
-0.0000

■ 81.3290, 19.3880,  
34.1080

■ 159.8780, 22.2760,  
36.8360

■ 56.0300, 18.7920,  
33.8960

■ 187.2910, 22.5510,  
37.3590

■ 28.7960, 19.5710,  
36.2990

■ 213.9100, 19.2500,  
36.6100

■ 19.4110, 12.9250,  
24.5810

■ 230.3460, 11.5500,  
21.9660

■ 8.0470, 1.7860,  
11.6900

■ 246.7820, 3.8500,  
7.3220

■ 0.0000, 0.0000,  
0.0000

107.0410, 20.2590,  
34.8430

107.0410, 20.2590,  
34.8430

98.1220, 24.7050,  
42.3770

115.9600, 15.8130,  
27.3090

89.2030, 29.1510,  
49.9110

124.8790, 11.3670,  
19.7750

80.8710, 33.3220,  
56.9220

133.2110, 7.1960,  
12.7640

72.0660, 37.4470,  
64.7670

142.0160, 3.0710,  
4.9190

63.1470, 41.8930,  
72.3010

150.9350, -1.3750,  
-2.6150

60.0980, 43.5890,  
74.6050

159.8540, -5.8210,  
-10.1490

168.7730,  
-10.2670, -17.6830

177.1050,

-14.4380, -24.6940

 186.0240,  
-18.8840, -32.2280

# Harmonies

## Analogous

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



105.4580, -20.8200, 24.9080



107.0410, 20.2590, 34.8430



103.6450, 47.6770, 33.5410

# Triad

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



107.0410, 20.2590, 34.8430



99.6430, 39.7090, -20.3150



87.4600, -78.1690, -20.5770

# Complementary

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



107.0410, 20.2590, 34.8430



119.9590, -20.2590, -34.8430

# 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.



83.1280, -65.9710, -32.3950



107.0410, 20.2590, 34.8430



96.2910, 11.1010, -30.4910

# Square

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



107.0410, 20.2590, 34.8430



101.5610, 55.3400, -0.7240



86.9020, -33.2800, -35.6480



88.4180, -86.3780, -9.4660



# Rectangle

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



107.0410, 20.2590, 34.8430



102.1650, 57.5360, 25.5680



86.9020, -33.2800, -35.6480



86.0920, -74.3170, -24.3090

# Sweetspot

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



107.0410, 20.2590, 34.8430



175.0370, 7.7460, 13.8100



87.7630, -20.3610, 22.0950



86.9070, 4.9960, 8.5800



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000



# Same Dimension

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



107.0410, 20.2590, 34.8430



127.5070, 31.3510, 54.0950



103.1650, 31.1730, 24.2690



69.8910, 1.9250, 3.6610



56.0820, 40.5180, 69.6860



4.1300, 2.7500, 5.2300



# Inverse Universe

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



107.0410, 20.2590, 34.8430



127.5070, 31.3510, 54.0950



123.8350, -31.1730, -24.2690



69.8910, 1.9250, 3.6610



56.0820, 40.5180, 69.6860

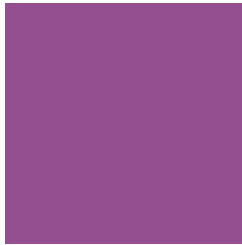


4.1300, 2.7500, 5.2300



# Previews

## White Background



This preview shows how the YIQ color 107.0410, 20.2590, 34.8430 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 107.0410, 20.2590, 34.8430 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

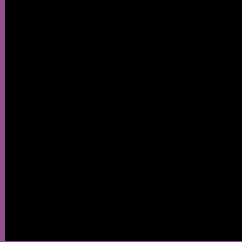
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 107.0410, 20.2590, 34.8430

## Background



This preview shows how black text looks on a background with the YIQ color 107.0410, 20.2590, 34.8430.



This preview shows how white text looks on a background with the YIQ color 107.0410, 20.2590,



# 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

107.0410, 20.2590, 34.8430

### Protanopia

103.8600, -31.1800, 14.4200

### Deuteranopia

105.1250, -16.0490, 10.0230



## Tritanopia

106.3460, 28.7450, 13.2010

# Trichromacy



## Original Color

107.0410, 20.2590, 34.8430

## Protanomaly

104.9550, -12.1540, 22.0380

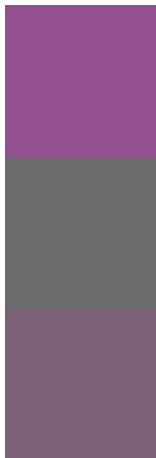
## Deuteranomaly

105.6370, -2.5710, 19.0690

## Tritanomaly

106.5340, 25.5800, 21.0040

# Monochromacy



## Original Color

107.0410, 20.2590, 34.8430

## Achromatopsia

107.0000, -0.0000, 0.0000

## Achromatomaly

107.0970, 7.5170, 12.4530

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 107.0410, 20.2590, 34.8430 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(148, 79, 144)` looks like.

```
.text, #text, p{  
    color:rgb(148, 79, 144)  
}
```

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(148, 79, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 79, 144) }
```

## Border

The CSS property to change the border of an element to YIQ 107.0410, 20.2590, 34.8430 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(148, 79, 144) }
```



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

```
.border{ border-color:rgb(148, 79, 144) }
```

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

Here you see how a box with a 4 pixel rgb(148, 79, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 79, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 79, 144);  
box-shadow:4px 4px 4px 4px rgb(148, 79,  
144) }
```

# Background

The CSS property to change the background color of an element to YIQ 107.0410, 20.2590, 34.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 79, 144) }
```

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

```
.background{ background-color: rgb(148, 79,  
144) }
```

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