

# Converting Colors

YIQ(108.0550, 34.8390, 34.9270)

Have a look what the booklet for  
YIQ(108.0550, 34.8390, 34.9270)  
contains.

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# Color

**YIQ(108.0550, 34.8390,  
34.9270)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A34C81
RGB	163, 76, 129
RGB Percent	64%, 30%, 51%
CMY	0.3605, 0.7021, 0.4940
CMYK	0.00, 0.53, 0.21, 0.36
HSL	323°, 36%, 47%
HSV	323°, 53%, 64%
XYZ	21.6628, 14.5425, 22.4427
YIQ	108.0550, 34.8390, 34.9270

# Conversions

## Conversions Part 2

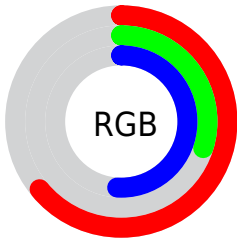
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 76, 129
Decimal	10701953
CIELab	45.00, 42.48, -12.97
CIElCh	45, 44.418, 343.026
Yxy	14.5425, 0.3694, 0.2480
Android (android.graphics.Color)	4288892033 (0xFFA34C81)
YUV	108.0550, 10.3259, 48.1868
Hunter-Lab	38.1346, 34.6634, -8.1987

# Details

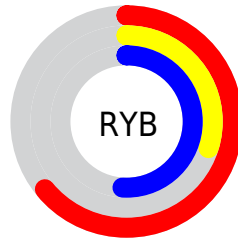
The YIQ color **108.0550, 34.8390, 34.9270** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **130.9450, -34.8390, -34.9270**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6640, 37.4980, 36.2980**, and **55.2120, 32.9590, 35.9590** is the 20% darker color. If you saturate the color by 10%, you get **97.9790, 41.1650, 41.4290**, and if you desaturate by 10%, it is **118.1310, 28.5130, 28.4250**.

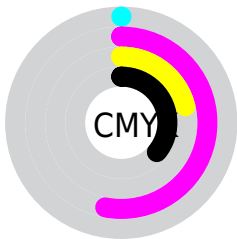
# Distribution



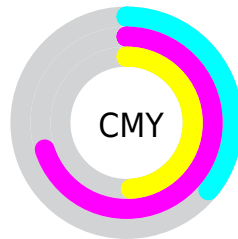
- Red (64%)
- Green (30%)
- Blue (51%)



- Red (64%)
- Yellow (30%)
- Blue (51%)



- Cyan (0%)
- Magenta (53%)
- Yellow (21%)
- Black (36%)



- Cyan (36%)
- Magenta (70%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 108.0550, 34.8390, 34.9270 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 108.0550, 34.8390, 34.9270 by changing the saturation by 10% instead.



108.0550, 34.8390,  
34.9270

108.0550, 34.8390,  
34.9270

255.0000, -0.0000,  
-0.0000

81.8700, 33.9220,  
35.0260

161.6640, 37.4980,  
36.2980

55.2120, 32.9590,  
35.9590

189.3760, 38.3690,  
37.0330

31.0160, 30.5750,  
35.1110

210.7980, 25.2570,  
32.3690

21.0330, 22.7370,  
22.9690

229.1720, 12.1000,  
23.0120

11.1210, 16.1370,  
10.4170

246.1950, 4.1250,  
7.8450

0.0000, 0.0000,  
0.0000

108.0550, 34.8390,  
34.9270

108.0550, 34.8390,  
34.9270

97.9790, 41.1650,  
41.4290

118.1310, 28.5130,  
28.4250

87.2020, 48.0870,  
48.1430

128.9080, 21.5910,  
21.7110

77.1260, 54.4130,  
54.6450

138.9840, 15.2650,  
15.2090

67.0500, 60.7390,  
61.1470

149.1740, 8.6180,  
9.0180

60.0230, 65.3690,  
65.3450


159.2500, 2.2920,  
2.5160

169.9130, -4.3090,  
-4.5090

180.1030,  
-10.9560, -10.7000

190.1790,

-17.2820, -17.2020

 200.8420,  
-23.8830, -24.2270

# Harmonies

## Analogous

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



109.7550, 0.4530, 30.3490



108.0550, 34.8390, 34.9270



105.3650, 54.0970, 27.3210

# Triad

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



108.0550, 34.8390, 34.9270



100.9510, 26.9180, -25.2900



89.9850, -83.9010, -15.8130

# Complementary

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



108.0550, 34.8390, 34.9270



130.9450, -34.8390, -34.9270

# 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.



87.2830, -73.5370, -27.4330



108.0550, 34.8390, 34.9270



95.7820, -6.4590, -31.6350

# Square

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



108.0550, 34.8390, 34.9270



103.6430, 48.8770, -10.2510



81.7770, -60.7890, -38.2050



88.2700, -88.7170, -5.6210



# Rectangle

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



108.0550, 34.8390, 34.9270



104.6670, 58.6380, 16.6060



81.7770, -60.7890, -38.2050



89.4320, -80.9660, -19.4460

# Sweetspot

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



108.0550, 34.8390, 34.9270



190.4460, 13.8440, 13.4280



95.7850, -8.2590, 34.0530



94.3480, 8.0680, 7.9720



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000



# Same Dimension

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



108.0550, 34.8390, 34.9270



126.1260, 54.4130, 54.6450



103.1530, 48.6420, 21.5540



76.2610, 3.7590, 3.4630



53.5010, 57.8510, 58.4190



6.6360, 7.1970, 7.2370



# Inverse Universe

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



108.0550, 34.8390, 34.9270



126.1260, 54.4130, 54.6450



135.8470, -48.6420, -21.5540



76.2610, 3.7590, 3.4630



53.5010, 57.8510, 58.4190

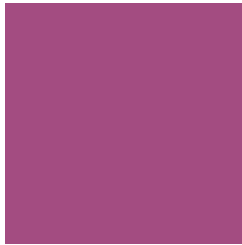


6.6360, 7.1970, 7.2370



# Previews

## White Background



This preview shows how the YIQ color 108.0550, 34.8390, 34.9270 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

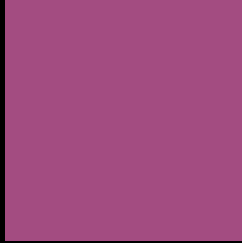
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 108.0550, 34.8390, 34.9270 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

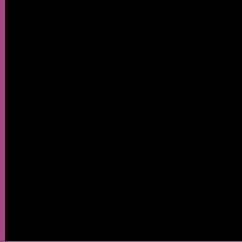
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 108.0550, 34.8390, 34.9270

## Background



This preview shows how black text looks on a background with the YIQ color 108.0550, 34.8390, 34.9270.



This preview shows how white text looks on a background with the YIQ color 108.0550, 34.8390,



# 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

108.0550, 34.8390, 34.9270

### Protanopia

107.1290, -21.8720, 10.9280

### Deuteranopia

107.7750, -3.4400, 7.2800



## Tritanopia

107.1090, 42.7740, 17.7660

# Trichromacy



## Original Color

108.0550, 34.8390, 34.9270

## Protanomaly

107.2350, -1.3790, 19.4930

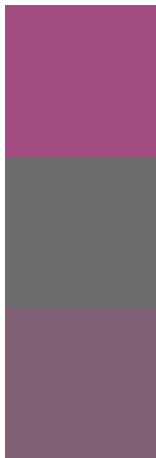
## Deuteranomaly

108.1130, 10.5880, 17.3720

## Tritanomaly

107.2430, 39.7010, 23.9010

# Monochromacy



## Original Color

108.0550, 34.8390, 34.9270

## Achromatopsia

108.0000, -0.0000, 0.0000

## Achromatomaly

107.8480, 12.6520, 13.0040

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 108.0550, 34.8390, 34.9270 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(163, 76, 129)` looks like.

```
.text, #text, p{  
    color:rgb(163, 76, 129)  
}
```

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(163, 76, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 76, 129) }
```

## Border

The CSS property to change the border of an element to YIQ 108.0550, 34.8390, 34.9270 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(163, 76, 129) }
```



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

```
.border{ border-color:rgb(163, 76, 129) }
```

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

Here you see how a box with a 4 pixel rgb(163, 76, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 76, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 76, 129);  
box-shadow:4px 4px 4px 4px rgb(163, 76,  
129) }
```

# Background

The CSS property to change the background color of an element to YIQ 108.0550, 34.8390, 34.9270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 76, 129) }
```

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

```
.background{ background-color: rgb(163, 76,  
129) }
```

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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