

Converting Colors

YIQ(97.8040, 34.2880, 39.4080)

Have a look what the booklet for
YIQ(97.8040, 34.2880, 39.4080)
contains.

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Color

**YIQ(97.8040, 34.2880,
39.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3F7F
RGB	155, 63, 127
RGB Percent	61%, 25%, 50%
CMY	0.3919, 0.7531, 0.5019
CMYK	0.00, 0.59, 0.18, 0.39
HSL	318°, 42%, 43%
HSV	318°, 59%, 61%
XYZ	19.1378, 12.0587, 21.4051
YIQ	97.8040, 34.2880, 39.4080

Conversions

Conversions Part 2

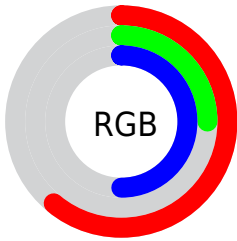
Format	Color
R _{YB}	155, 63, 127
Decimal	10174335
CIE _{Lab}	41.31, 46.04, -17.48
CIE _{LCh}	41, 49.244, 339.205
Yxy	12.0587, 0.3638, 0.2292
Android (android.graphics.Color)	4288364415 (0xFF9B3F7F)
YUV	97.8040, 14.3936, 50.1609
Hunter-Lab	34.7257, 37.6040, -12.2387

Details

The YIQ color **97.8040, 34.2880, 39.4080** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **120.1960, -34.2880, -39.4080**, and the grayscale version is **98.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.4130, 36.9470, 40.7790**, and **39.6780, 34.8830, 45.1470** is the 20% darker color. If you saturate the color by 10%, you get **87.8420, 40.2930, 46.2210**, and if you desaturate by 10%, it is **107.1790, 28.5580, 33.1180**.

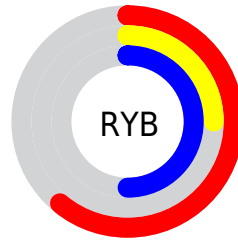
Distribution



Red (61%)

Green (25%)

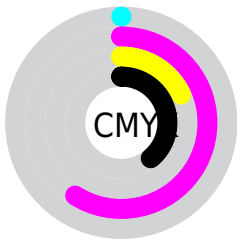
Blue (50%)



Red (61%)

Yellow (25%)

Blue (50%)

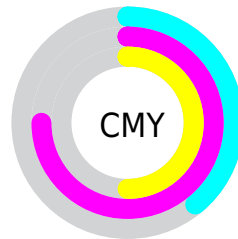


Cyan (0%)

Magenta (59%)

Yellow (18%)

Black (39%)



Cyan (39%)

Magenta (75%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.8040, 34.2880, 39.4080 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 97.8040, 34.2880, 39.4080 by changing the saturation by 10% instead.

■ 97.8040, 34.2880,
39.4080

■ 97.8040, 34.2880,
39.4080

255.0000, -0.0000,
-0.0000

■ 71.0320, 33.6460,
40.0300

■ 151.4130, 36.9470,
40.7790

■ 39.6780, 34.8830,
45.1470

■ 179.0110, 38.1390,
41.2030

■ 28.6950, 27.0450,
33.0050

■ 202.9390, 29.4740,
38.5460

■ 19.4240, 20.0780,
21.5980

■ 221.5410, 15.6750,
29.8110

■ 6.0660, 8.8020,
5.6820

■ 237.9770, 7.9750,
15.1670

■ 0.0000, 0.0000,
0.0000

97.8040, 34.2880,
39.4080

97.8040, 34.2880,
39.4080

87.8420, 40.2930,
46.2210

107.1790, 28.5580,
33.1180

78.5810, 45.7020,
52.8220

117.0270, 22.8740,
25.9940

68.6190, 51.7070,
59.6350

126.4020, 17.1440,
19.7040

59.2440, 57.4370,
65.9250

136.3640, 11.1390,
12.8910

58.6570, 57.7120,
66.4480


145.7390, 5.4090,
6.6010

155.5870, -0.2750,
-0.5230

165.5490, -6.2800,
-7.3360

174.9240,

-12.0100, -13.6260

 184.8860,
-18.0150, -20.4390

Harmonies

Analogous

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



100.2860, -5.4160, 32.0880



97.8040, 34.2880, 39.4080



93.6200, 57.9930, 33.8090

Triad

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



97.8040, 34.2880, 39.4080



90.3940, 35.6760, -29.8280



84.3770, -79.1330, -14.1170

Complementary

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



97.8040, 34.2880, 39.4080



120.1960, -34.2880, -39.4080

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.



80.5180, -66.8890, -26.7690



97.8040, 34.2880, 39.4080



85.7130, -2.0110, -35.1550

Square

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



97.8040, 34.2880, 39.4080



93.3510, 55.5710, -10.4210



74.5560, -52.8570, -38.7850



83.7050, -85.5080, -3.2040

Rectangle

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



97.8040, 34.2880, 39.4080



93.1670, 63.2220, 21.6380



74.5560, -52.8570, -38.7850



83.5960, -75.5560, -18.3720

Sweetspot

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



97.8040, 34.2880, 39.4080



178.6140, 13.4310, 15.4070



81.8600, -12.8440, 34.5480



88.2880, 8.2970, 9.3290



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



97.8040, 34.2880, 39.4080



112.1570, 53.1280, 61.4160



92.5600, 49.0540, 25.1020



71.9620, 3.1630, 3.2510



53.0320, 51.9820, 60.1580



4.9130, 4.8590, 5.5550

Inverse Universe

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



97.8040, 34.2880, 39.4080



112.1570, 53.1280, 61.4160



125.4400, -49.0540, -25.1020



71.9620, 3.1630, 3.2510



53.0320, 51.9820, 60.1580



4.9130, 4.8590, 5.5550

Previews

White Background



This preview shows how the YIQ color 97.8040, 34.2880, 39.4080 looks on a white background.

Color Contrast Check

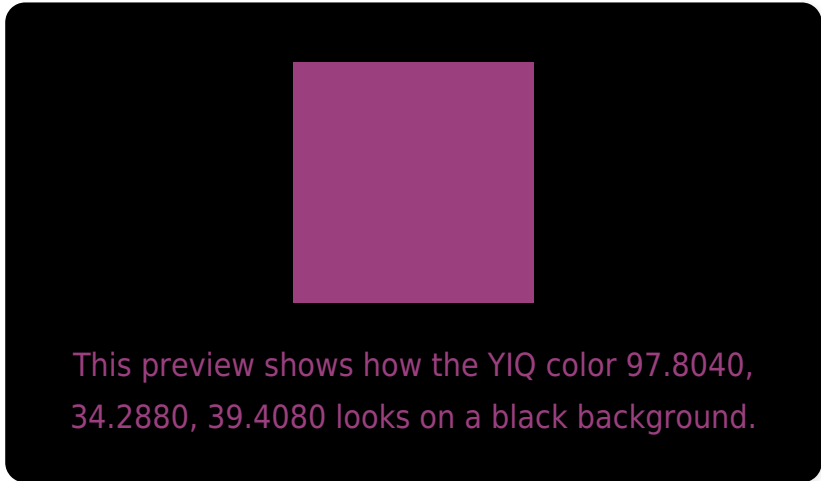
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

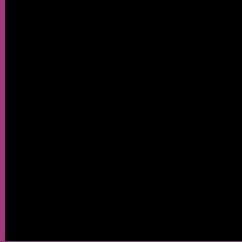
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 97.8040, 34.2880, 39.4080

Background



This preview shows how black text looks on a background with the YIQ color 97.8040, 34.2880, 39.4080.



This preview shows how white text looks on a background with the YIQ color 97.8040, 34.2880,

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

97.8040, 34.2880, 39.4080

Protanopia

96.8170, -29.6210, 13.6990

Deuteranopia

98.9640, -8.3460, 8.0860



Tritanopia

97.9950, 43.0950, 17.4550

Trichromacy



Original Color

97.8040, 34.2880, 39.4080

Protanomaly

97.1190, -6.7440, 23.1120

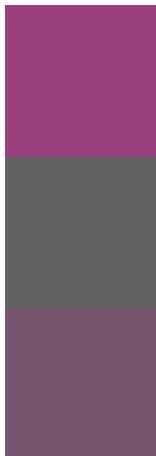
Deuteranomaly

98.4270, 6.8280, 19.4360

Tritanomaly

98.1830, 39.9300, 25.2580

Monochromacy



Original Color

97.8040, 34.2880, 39.4080

Achromatopsia

98.0000, -0.0000, -0.0000

Achromatomaly

97.9020, 12.5600, 14.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.8040, 34.2880, 39.4080 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(155, 63, 127)` looks like.

```
.text, #text, p{  
    color:rgb(155, 63, 127)  
}
```

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(155, 63, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 63, 127) }
```

Border

The CSS property to change the border of an element to YIQ 97.8040, 34.2880, 39.4080 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(155, 63, 127) }
```


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

```
.border{ border-color:rgb(155, 63, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 63, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 63, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 63, 127); box-shadow:4px 4px 4px 4px rgb(155, 63, 127) }
```

Background

The CSS property to change the background color of an element to YIQ 97.8040, 34.2880, 39.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 63, 127) }
```

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

```
.background{ background-color: rgb(155, 63,  
127) }
```

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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