

Converting Colors

YIQ(104.3270, 40.0650, 39.3370)

Have a look what the booklet for
YIQ(104.3270, 40.0650, 39.3370)
contains.

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Color

**YIQ(104.3270, 40.0650,
39.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	A7447F
RGB	167, 68, 127
RGB Percent	65%, 27%, 50%
CMY	0.3448, 0.7335, 0.5018
CMYK	0.00, 0.59, 0.24, 0.34
HSL	324°, 42%, 46%
HSV	324°, 59%, 66%
XYZ	21.8483, 13.8853, 21.6172
YIQ	104.3270, 40.0650, 39.3370

Conversions

Conversions Part 2

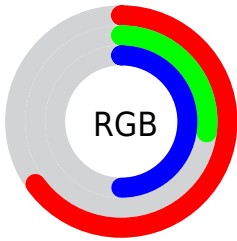
Format	Color
R_{YB}	167, 68, 127
Decimal	10962047
CIE _{Lab}	44.07, 47.37, -13.11
CIE _{LCh}	44, 49.154, 344.533
Yxy	13.8853, 0.3810, 0.2421
Android (android.graphics.Color)	4289152127 (0xFFA7447F)
YUV	104.3270, 11.1778, 54.9642
Hunter-Lab	37.2630, 39.4488, -8.3114

Details

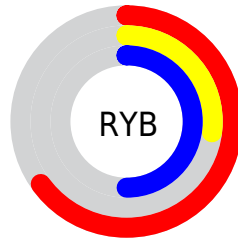
The YIQ color **104.3270, 40.0650, 39.3370** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **130.6730, -40.0650, -39.3370**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **158.8220, 43.0450, 40.3970**, and **45.9020, 40.0640, 44.8640** is the 20% darker color. If you saturate the color by 10%, you get **93.5500, 46.9870, 46.0510**, and if you desaturate by 10%, it is **115.1040, 33.1430, 32.6230**.

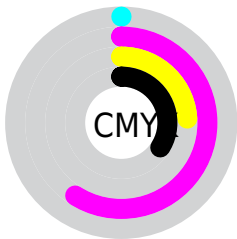
Distribution



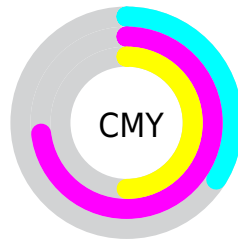
- Red (65%)
- Green (27%)
- Blue (50%)



- Red (65%)
- Yellow (27%)
- Blue (50%)



- Cyan (0%)
- Magenta (59%)
- Yellow (24%)
- Black (34%)



- Cyan (34%)
- Magenta (73%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.3270, 40.0650, 39.3370 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 104.3270, 40.0650, 39.3370 by changing the saturation by 10% instead.

■ 104.3270, 40.0650,
39.3370

■ 104.3270, 40.0650,
39.3370

■ 255.0000, -0.0000,
-0.0000

■ 77.2560, 38.8270,
39.7470

■ 158.8220, 43.0450,
40.3970

■ 45.9020, 40.0640,
44.8640

■ 186.4200, 44.2370,
40.8210

■ 31.6850, 33.0050,
35.1250

■ 206.4610, 27.8240,
35.4080

■ 21.8160, 24.8460,
23.2940

■ 225.0630, 14.0250,
26.6730

■ 11.0780, 17.6960,
9.6960

■ 242.0860, 6.0500,
11.5060

■ 0.0000, 0.0000,
0.0000

■ 104.3270, 40.0650,
39.3370

■ 104.3270, 40.0650,
39.3370

■ 93.5500, 46.9870,
46.0510

■ 115.1040, 33.1430,
32.6230

■ 83.4740, 53.3130,
52.5530

■ 125.2940, 26.4960,
26.4320

■ 72.6970, 60.2350,
59.2670

■ 135.9570, 19.8950,
19.4070

■ 61.9200, 67.1570,
65.9810

■ 146.7340, 12.9730,
12.6930

■ 61.3330, 67.4320,
66.5040


■ 156.9240, 6.3260,
6.5020

■ 167.7010, -0.5960,
-0.2120

■ 178.3640, -7.1970,
-7.2370

■ 189.1410,

-14.1190, -13.9510

 199.3310,
-20.7660, -20.1420

Harmonies

Analogous

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



107.0590, 2.6530, 34.5330



104.3270, 40.0650, 39.3370



101.1810, 60.6070, 30.4870

Triad

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



104.3270, 40.0650, 39.3370



96.3440, 29.9450, -30.5910



89.3810, -84.9560, -13.2120

Complementary

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



104.3270, 40.0650, 39.3370



130.6730, -40.0650, -39.3370

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.



86.2230, -73.3080, -26.0760



104.3270, 40.0650, 39.3370



91.1080, -10.4930, -35.6210

Square

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



104.3270, 40.0650, 39.3370



99.5740, 53.3250, -13.7710



80.8480, -59.5510, -38.6150



88.3670, -90.3680, -3.2320

Rectangle

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



104.3270, 40.0650, 39.3370



100.8310, 64.0480, 17.6800



80.8480, -59.5510, -38.6150



89.1870, -81.6540, -17.9900

Sweetspot

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



104.3270, 40.0650, 39.3370



192.2830, 15.8610, 15.4210



91.2460, -7.9390, 39.2690



94.7720, 9.8100, 9.4420



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



104.3270, 40.0650, 39.3370



119.5340, 62.2520, 61.2600



98.7410, 55.7940, 24.0980



78.9620, 3.1630, 3.2510



54.2840, 59.9600, 58.7440



7.3480, 8.0680, 7.9720

Inverse Universe

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



104.3270, 40.0650, 39.3370



119.5340, 62.2520, 61.2600



136.2590, -55.7940, -24.0980



78.9620, 3.1630, 3.2510



54.2840, 59.9600, 58.7440



7.3480, 8.0680, 7.9720

Previews

White Background



This preview shows how the YIQ color 104.3270, 40.0650, 39.3370 looks on a white background.

Color Contrast Check

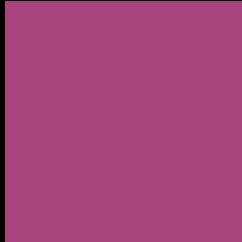
Large Text (above 18pt) WCAG AA ✓ Pass

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 104.3270, 40.0650, 39.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

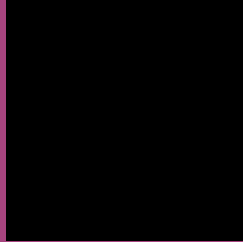
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 104.3270, 40.0650, 39.3370

Background



This preview shows how black text looks on a background with the YIQ color 104.3270, 40.0650, 39.3370.



This preview shows how white text looks on a background with the YIQ color 104.3270, 40.0650,

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

104.3270, 40.0650, 39.3370

Protanopia

104.5140, -24.3940, 12.5820

Deuteranopia

105.7750, -3.4400, 7.2800



Tritanopia

104.0990, 48.7340, 19.8860

Trichromacy



Original Color

104.3270, 40.0650, 39.3370

Protanomaly

104.2290, -1.2420, 22.5180

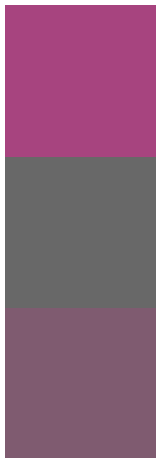
Deuteranomaly

105.5370, 12.3300, 18.8420

Tritanomaly

103.8740, 45.2940, 27.1660

Monochromacy



Original Color

104.3270, 40.0650, 39.3370

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.1580, 14.7150, 14.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.3270, 40.0650, 39.3370 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(167, 68, 127)` looks like.

```
.text, #text, p{  
    color:rgb(167, 68, 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(167, 68, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 68, 127) }
```

Border

The CSS property to change the border of an element to YIQ 104.3270, 40.0650, 39.3370 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(167, 68, 127) }
```


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

```
.border{ border-color:rgb(167, 68, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 68, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 68, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 68, 127); box-shadow:4px 4px 4px 4px rgb(167, 68, 127) }
```

Background

The CSS property to change the background color of an element to YIQ 104.3270, 40.0650, 39.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 68, 127) }
```

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

```
.background{ background-color: rgb(167, 68,  
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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