

Converting Colors

YIQ(103.9670, 41.4390, 47.4790)

Have a look what the booklet for
YIQ(103.9670, 41.4390, 47.4790)
contains.

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Color

**YIQ(103.9670, 41.4390,
47.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	AD3E8B
RGB	173, 62, 139
RGB Percent	68%, 24%, 55%
CMY	0.3213, 0.7570, 0.4548
CMYK	0.00, 0.64, 0.20, 0.32
HSL	318°, 47%, 46%
HSV	318°, 64%, 68%
XYZ	23.6334, 14.1984, 25.9313
YIQ	103.9670, 41.4390, 47.4790

Conversions

Conversions Part 2

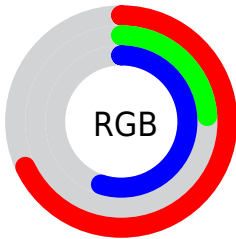
Format	Color
R_{YB}	173, 62, 139
Decimal	11353739
CIE _{Lab}	44.52, 53.57, -19.63
CIE _{LCh}	45, 57.051, 339.872
Yxy	14.1984, 0.3706, 0.2227
Android (android.graphics.Color)	4289543819 (0xFFAD3E8B)
YUV	103.9670, 17.2713, 60.5419
Hunter-Lab	37.6807, 46.0143, -14.4259

Details

The YIQ color **103.9670, 41.4390, 47.4790** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **131.0330, -41.4390, -47.4790**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.1630, 43.8230, 48.3270**, and **45.1290, 41.1630, 52.4830** is the 20% darker color. If you saturate the color by 10%, you get **93.4180, 47.7190, 54.8150**, and if you desaturate by 10%, it is **114.5160, 35.1590, 40.1430**.

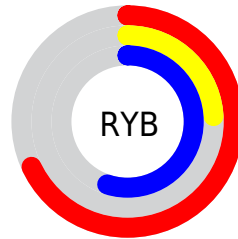
Distribution



Red (68%)

Green (24%)

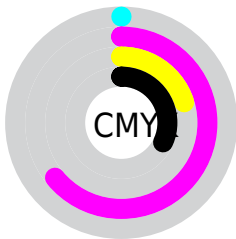
Blue (55%)



Red (68%)

Yellow (24%)

Blue (55%)

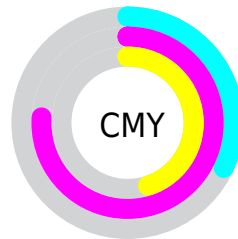


Cyan (0%)

Magenta (64%)

Yellow (20%)

Black (32%)



Cyan (32%)

Magenta (76%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.9670, 41.4390, 47.4790 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 103.9670, 41.4390, 47.4790 by changing the saturation by 10% instead.

■ 103.9670, 41.4390,
47.4790

■ 103.9670, 41.4390,
47.4790

■ 255.0000, -0.0000,
-0.0000

■ 75.0210, 41.3470,
49.1470

■ 159.1630, 43.8230,
48.3270

■ 45.1290, 41.1630,
52.4830

■ 185.9670, 41.4390,
47.4790

■ 34.3200, 32.7750,
39.2950

■ 205.5950, 24.7510,
41.5430

■ 24.0380, 24.3410,
26.9410

■ 222.7150, 15.1250,
28.7650

■ 14.1690, 16.1820,
15.1100

■ 239.7380, 7.1500,
13.5980

■ 0.0000, 0.0000,
0.0000

103.9670, 41.4390,
47.4790

103.9670, 41.4390,
47.4790

93.4180, 47.7190,
54.8150

114.5160, 35.1590,
40.1430

82.1680, 54.5950,
62.3630

125.7660, 28.2830,
32.5950

71.6190, 60.8750,
69.6990

136.3150, 22.0030,
25.2590

65.4070, 64.5880,
73.9960

146.8640, 15.7230,
17.9230


157.5270, 9.1220,
10.8980

168.6630, 2.5670,
3.0390

179.2120, -3.7130,
-4.2970

189.7610, -9.9930,

-11.6330

 201.0110,
-16.8690, -19.1810

Harmonies

Analogous

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



107.9750, -5.7380, 37.9260



103.9670, 41.4390, 47.4790



98.6970, 68.2620, 40.4380

Triad

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



103.9670, 41.4390, 47.4790



97.1830, 37.6480, -32.5280



92.1850, -87.3400, -14.0600

Complementary

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



103.9670, 41.4390, 47.4790



131.0330, -41.4390, -47.4790

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.



88.2290, -73.4450, -29.1010



103.9670, 41.4390, 47.4790



90.1870, -3.7060, -42.9860

Square

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



103.9670, 41.4390, 47.4790



99.1640, 66.1630, -15.1570



81.4690, -57.1660, -43.2940



92.0830, -95.3200, -1.5920

Rectangle

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



103.9670, 41.4390, 47.4790



98.9620, 74.2250, 25.9770



81.4690, -57.1660, -43.2940



91.1760, -83.1210, -18.9370

Sweetspot

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



103.9670, 41.4390, 47.4790



197.8640, 15.7230, 17.9230



84.5210, -15.9630, 41.5170



95.8260, 9.7180, 11.1100



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



103.9670, 41.4390, 47.4790



116.9940, 64.3130, 73.4730



97.6970, 59.0940, 30.3740



81.3750, 3.4380, 3.7740



56.7060, 56.0160, 64.1440



8.7010, 8.5720, 9.8520

Inverse Universe

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



103.9670, 41.4390, 47.4790



116.9940, 64.3130, 73.4730



137.3030, -59.0940, -30.3740



81.3750, 3.4380, 3.7740



56.7060, 56.0160, 64.1440



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 103.9670, 41.4390, 47.4790 looks on a white background.

Color Contrast Check

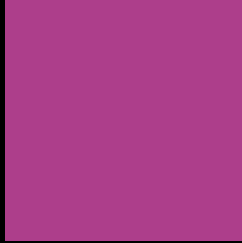
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.9670, 41.4390, 47.4790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

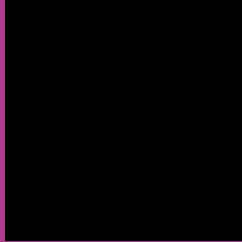
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.9670, 41.4390, 47.4790

Background



This preview shows how black text looks on a background with the YIQ color 103.9670, 41.4390, 47.4790.



This preview shows how white text looks on a background with the YIQ color 103.9670, 41.4390,

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

103.9670, 41.4390, 47.4790

Protanopia

104.2770, -36.7280, 15.8480

Deuteranopia

107.0070, -9.9050, 8.8070



Tritanopia

104.7790, 52.6310, 20.8470

Trichromacy



Original Color

103.9670, 41.4390, 47.4790

Protanomaly

104.2700, -8.4870, 27.1690

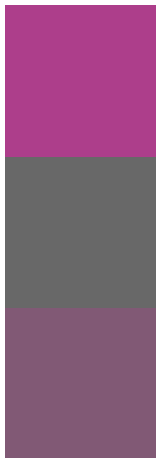
Deuteranomaly

105.9050, 8.4780, 22.5740

Tritanomaly

104.8360, 48.4570, 30.4170

Monochromacy



Original Color

103.9670, 41.4390, 47.4790

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.1520, 14.8520, 17.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.9670, 41.4390, 47.4790 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(173, 62, 139)` looks like.

```
.text, #text, p{  
    color:rgb(173, 62, 139)  
}
```

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(173, 62, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 62, 139) }
```

Border

The CSS property to change the border of an element to YIQ 103.9670, 41.4390, 47.4790 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(173, 62, 139) }
```


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

```
.border{ border-color:rgb(173, 62, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 62, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 62, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 62, 139);  
box-shadow:4px 4px 4px 4px rgb(173, 62,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 103.9670, 41.4390, 47.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 62, 139) }
```

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

```
.background{ background-color: rgb(173, 62,  
139) }
```

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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