

Converting Colors

YIQ(96.9290, 35.4340, 40.6660)

Have a look what the booklet for
YIQ(96.9290, 35.4340, 40.6660)
contains.

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Color

**YIQ(96.9290, 35.4340,
40.6660)**

Conversions

Conversions Part 1

Format	Color
Hex	9C3D7F
RGB	156, 61, 127
RGB Percent	61%, 24%, 50%
CMY	0.3880, 0.7609, 0.5019
CMYK	0.00, 0.61, 0.19, 0.39
HSL	318°, 44%, 43%
HSV	318°, 61%, 61%
XYZ	19.2224, 11.9409, 21.3782
YIQ	96.9290, 35.4340, 40.6660

Conversions

Conversions Part 2

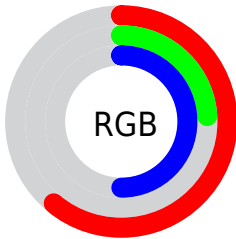
Format	Color
R _{YB}	156, 61, 127
Decimal	10239359
CIE _{Lab}	41.12, 47.27, -17.76
CIE _{LCh}	41, 50.499, 339.413
Yxy	11.9409, 0.3659, 0.2273
Android (android.graphics.Color)	4288429439 (0xFF9C3D7F)
YUV	96.9290, 14.8250, 51.8053
Hunter-Lab	34.5556, 38.8227, -12.4915

Details

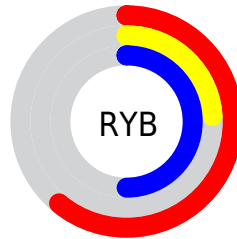
The YIQ color **96.9290, 35.4340, 40.6660** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **120.0710, -35.4340, -40.6660**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **151.1250, 37.8180, 41.5140**, and **39.3900, 35.7540, 45.8820** is the 20% darker color. If you saturate the color by 10%, you get **86.9670, 41.4390, 47.4790**, and if you desaturate by 10%, it is **106.8910, 29.4290, 33.8530**.

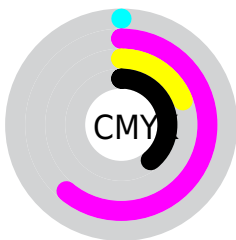
Distribution



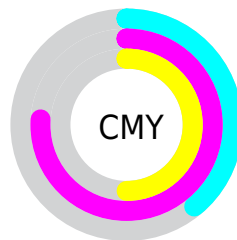
- Red (61%)
- Green (24%)
- Blue (50%)



- Red (61%)
- Yellow (24%)
- Blue (50%)



- Cyan (0%)
- Magenta (61%)
- Yellow (19%)
- Black (39%)



- Cyan (39%)
- Magenta (76%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.9290, 35.4340, 40.6660 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 96.9290, 35.4340, 40.6660 by changing the saturation by 10% instead.

■ 96.9290, 35.4340,
40.6660

■ 96.9290, 35.4340,
40.6660

255.0000, -0.0000,
-0.0000

■ 69.5700, 35.0670,
41.8110

■ 151.1250, 37.8180,
41.5140

■ 39.3900, 35.7540,
45.8820

■ 178.7230, 39.0100,
41.9380

■ 28.6950, 27.0450,
33.0050

■ 201.7650, 30.0240,
39.5920

■ 19.4240, 20.0780,
21.5980

■ 220.3670, 16.2250,
30.8570

■ 6.0660, 8.8020,
5.6820

■ 237.3900, 8.2500,
15.6900

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2750,

0.5230

■ 96.9290, 35.4340,
40.6660

■ 96.9290, 35.4340,
40.6660

■ 86.9670, 41.4390,
47.4790

■ 106.8910, 29.4290,
33.8530

■ 77.5920, 47.1690,
53.7690

■ 116.2660, 23.6990,
27.5630

■ 67.7440, 52.8530,
60.8930

■ 126.1140, 18.0150,
20.4390

■ 58.9560, 58.3080,
66.6600

■ 135.4890, 12.2850,
14.1490

■ 145.4510, 6.2800,
7.3360

■ 155.4130, 0.2750,
0.5230

■ 164.6740, -5.1340,
-6.0780

■ 174.6360,
-11.1390, -12.8910

■ 184.0110,
-16.8690, -19.1810

Harmonies

Analogous

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



99.6990, -5.1410, 32.6110



96.9290, 35.4340, 40.6660



92.6310, 59.4600, 34.7560

Triad

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



96.9290, 35.4340, 40.6660



89.5080, 35.3550, -29.5170



84.4910, -79.4540, -13.8060

Complementary

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



96.9290, 35.4340, 40.6660



120.0710, -35.4340, -40.6660

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



96.9290, 35.4340, 40.6660



84.5880, -3.1570, -36.4130

Square

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



96.9290, 35.4340, 40.6660



92.1940, 57.4510, -11.4530



74.4420, -52.5360, -39.0960



83.9330, -86.1500, -2.5820

Rectangle

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



96.9290, 35.4340, 40.6660



92.7650, 64.4140, 22.0620



74.4420, -52.5360, -39.0960



83.7100, -75.8770, -18.0610

Sweetspot

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



96.9290, 35.4340, 40.6660



181.0270, 13.7060, 15.9300



80.2020, -13.8070, 35.4810



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.



96.9290, 35.4340, 40.6660



111.4070, 55.4200, 63.9320



91.5710, 50.5210, 26.0490



74.0760, 2.8420, 3.5620



54.0430, 53.4490, 61.1050



5.7390, 5.4090, 6.6010

Inverse Universe

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



96.9290, 35.4340, 40.6660



111.4070, 55.4200, 63.9320



125.4290, -50.5210, -26.0490



74.0760, 2.8420, 3.5620



54.0430, 53.4490, 61.1050



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 96.9290, 35.4340, 40.6660 looks on a white background.

Color Contrast Check

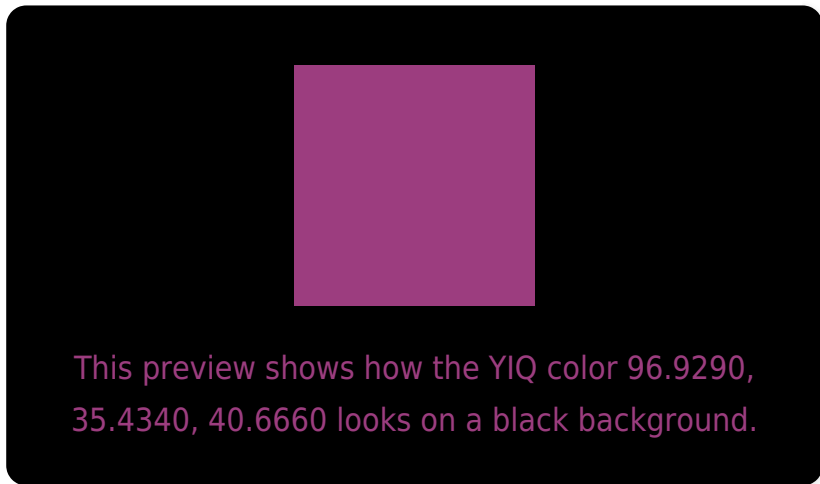
Large Text (above 18pt) WCAG AA ✓ Pass

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

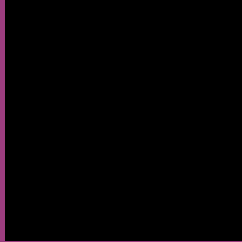
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.9290, 35.4340, 40.6660

Background



This preview shows how black text looks on a background with the YIQ color 96.9290, 35.4340, 40.6660.



This preview shows how white text looks on a background with the YIQ color 96.9290, 35.4340,

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

96.9290, 35.4340, 40.6660

Protanopia

96.6320, -30.5380, 13.7980

Deuteranopia

98.6650, -8.9420, 7.8740



Tritanopia

96.8920, 44.8830, 18.0910

Trichromacy



Original Color

96.9290, 35.4340, 40.6660

Protanomaly

96.5320, -6.4690, 23.6350

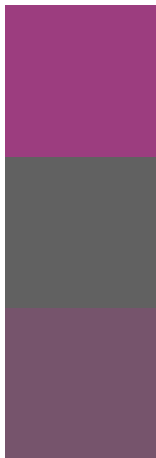
Deuteranomaly

97.8400, 7.1030, 19.9590

Tritanomaly

97.1940, 41.3970, 26.2050

Monochromacy



Original Color

96.9290, 35.4340, 40.6660

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.9020, 12.5600, 14.6720

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.9290, 35.4340, 40.6660 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(156, 61, 127)` looks like.

```
.text, #text, p{  
    color:rgb(156, 61, 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(156, 61, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 61, 127) }
```

Border

The CSS property to change the border of an element to YIQ 96.9290, 35.4340, 40.6660 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(156, 61, 127) }
```


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

```
.border{ border-color:rgb(156, 61, 127) }
```

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

Here you see how a box with a 4 pixel rgb(156, 61, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 61, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 61, 127);  
box-shadow:4px 4px 4px 4px rgb(156, 61,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 96.9290, 35.4340, 40.6660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 61, 127) }
```

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

```
.background{ background-color: rgb(156, 61,  
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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