

Converting Colors

YIQ(76.2990, 37.2680, 40.4680)

Have a look what the booklet for
YIQ(76.2990, 37.2680, 40.4680)
contains.

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Color

**YIQ(76.2990, 37.2680,
40.4680)**

Conversions

Conversions Part 1

Format	Color
Hex	892868
RGB	137, 40, 104
RGB Percent	54%, 16%, 41%
CMY	0.4625, 0.8433, 0.5921
CMYK	0.00, 0.71, 0.24, 0.46
HSL	320°, 55%, 35%
HSV	320°, 71%, 54%
XYZ	13.5852, 7.8390, 13.9004
YIQ	76.2990, 37.2680, 40.4680

Conversions

Conversions Part 2

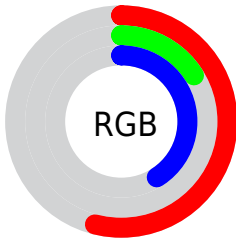
Format	Color
R_{YB}	137, 40, 104
Decimal	8988776
CIE _{Lab}	33.65, 47.44, -15.11
CIE _{LCh}	34, 49.784, 342.332
Yxy	7.8390, 0.3846, 0.2219
Android (android.graphics.Color)	4287178856 (0xFF892868)
YUV	76.2990, 13.6566, 53.2348
Hunter-Lab	27.9983, 37.6142, -9.8372

Details

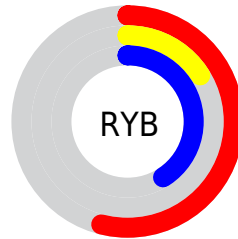
The YIQ color **76.2990, 37.2680, 40.4680** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **100.7010, -37.2680, -40.4680**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **129.9680, 39.6980, 40.4820**, and **31.3150, 31.1710, 35.3230** is the 20% darker color. If you saturate the color by 10%, you get **67.5110, 42.7230, 46.2350**, and if you desaturate by 10%, it is **85.0870, 31.8130, 34.7010**.

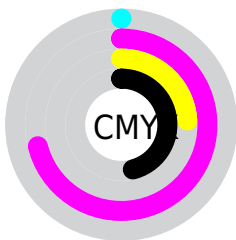
Distribution



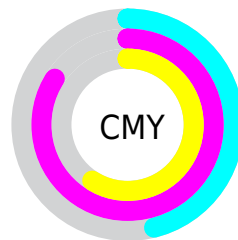
- Red (54%)
- Green (16%)
- Blue (41%)



- Red (54%)
- Yellow (16%)
- Blue (41%)



- Cyan (0%)
- Magenta (71%)
- Yellow (24%)
- Black (46%)





- Cyan (46%)
- Magenta (84%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.2990, 37.2680, 40.4680 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 76.2990, 37.2680, 40.4680 by changing the saturation by 10% instead.


 76.2990, 37.2680,
40.4680


 76.2990, 37.2680,
40.4680


255.0000, -0.0000,
-0.0000


 44.9450, 38.5050,
45.5850


 129.9680, 39.6980,
40.4820


 31.3150, 31.1710,
35.3230

 157.5660, 40.8900,
40.9060


 21.3320, 23.3330,
23.1810

 185.5770, 42.3570,
41.8530

 10.8220, 15.5410,
10.2050

 206.1020, 27.4570,
36.5530

 0.0000, 0.0000,
0.0000

 224.4760, 14.3000,
27.1960

 241.4990, 6.3250,

12.0290

■ 76.2990, 37.2680,
40.4680

■ 76.2990, 37.2680,
40.4680

■ 67.5110, 42.7230,
46.2350

■ 85.0870, 31.8130,
34.7010

■ 59.4240, 47.5820,
51.7900

■ 93.1740, 26.9540,
29.1460

■ 51.2230, 52.7620,
57.0340

■ 101.9620, 21.4990,
23.3790

■ 110.7500, 16.0440,
17.6120

■ 118.8370, 11.1850,
12.0570

■ 127.6250, 5.7300,
6.2900

■ 136.4130, 0.2750,
0.5230

■ 145.0870, -4.8590,
-5.5550

■ 153.2880,
-10.0390, -10.7990

Harmonies

Analogous

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



80.8520, -1.1980, 32.7380



76.2990, 37.2680, 40.4680



71.6200, 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.



76.2990, 37.2680, 40.4680



72.6520, 26.3220, -25.5020



70.8130, -68.4970, -8.6330

Complementary

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



76.2990, 37.2680, 40.4680



100.7010, -37.2680, -40.4680

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.



67.7690, -57.1700, -21.1860



76.2990, 37.2680, 40.4680



65.1360, -7.6960, -36.7520

Square

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



76.2990, 37.2680, 40.4680



74.8880, 49.5650, -11.7070



61.9210, -43.4590, -32.8910



70.5000, -74.5050, 1.1350

Rectangle

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



76.2990, 37.2680, 40.4680



72.7430, 61.4800, 20.1680



61.9210, -43.4590, -32.8910



70.0320, -64.9200, -12.8880

Sweetspot

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



76.2990, 37.2680, 40.4680



155.2120, 14.6230, 15.8310



60.6260, -12.0650, 36.9510



75.2880, 8.2970, 9.3290



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



76.2990, 37.2680, 40.4680



83.8480, 58.4920, 63.3240



70.8270, 52.6760, 25.5400



64.6630, 2.5670, 3.0390



49.6850, 51.3410, 55.2530



1.8370, 2.0170, 1.9930

Inverse Universe

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



76.2990, 37.2680, 40.4680



83.8480, 58.4920, 63.3240



106.1730, -52.6760, -25.5400



64.6630, 2.5670, 3.0390



49.6850, 51.3410, 55.2530



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 76.2990, 37.2680, 40.4680 looks on a white background.

Color Contrast Check

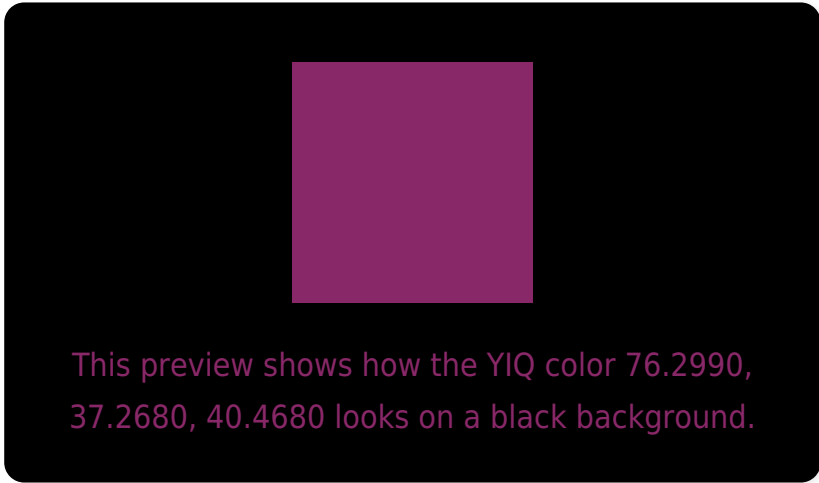
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

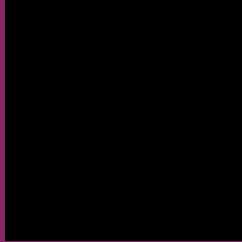
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.2990, 37.2680, 40.4680

Background



This preview shows how black text looks on a background with the YIQ color 76.2990, 37.2680, 40.4680.



This preview shows how white text looks on a background with the YIQ color 76.2990, 37.2680,

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

76.2990, 37.2680, 40.4680

Protanopia

78.9910, -30.1710, 12.6530

Deuteranopia

81.2800, -6.4200, 6.2200



Tritanopia

77.9630, 46.1210, 17.6810

Trichromacy



Original Color

76.2990, 37.2680, 40.4680

Protanomaly

78.1900, -5.5060, 22.7020

Deuteranomaly

79.5690, 9.3040, 18.6160

Tritanomaly

77.2650, 42.6350, 25.7950

Monochromacy



Original Color

76.2990, 37.2680, 40.4680

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

76.0870, 13.4770, 14.5730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.2990, 37.2680, 40.4680 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(137, 40, 104)` looks like.

```
.text, #text, p{  
    color:rgb(137, 40, 104)  
}
```

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(137, 40, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 40, 104) }
```

Border

The CSS property to change the border of an element to YIQ 76.2990, 37.2680, 40.4680 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(137, 40, 104) }
```


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

```
.border{ border-color:rgb(137, 40, 104) }
```

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

Here you see how a box with a 4 pixel rgb(137, 40, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 40, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 40, 104);  
box-shadow:4px 4px 4px 4px rgb(137, 40,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 76.2990, 37.2680, 40.4680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 40, 104) }
```

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

```
.background{ background-color: rgb(137, 40,  
104) }
```

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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