

Converting Colors

YIQ(99.6890, 37.4910, 74.9870)

Have a look what the booklet for
YIQ(99.6890, 37.4910, 74.9870)
contains.

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Color

**YIQ(99.6890, 37.4910,
74.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	B629BA
RGB	182, 41, 186
RGB Percent	71%, 16%, 73%
CMY	0.2858, 0.8394, 0.2706
CMYK	0.02, 0.78, 0.00, 0.27
HSL	298°, 64%, 45%
HSV	298°, 78%, 73%
XYZ	28.9719, 15.0857, 47.8444
YIQ	99.6890, 37.4910, 74.9870

Conversions

Conversions Part 2

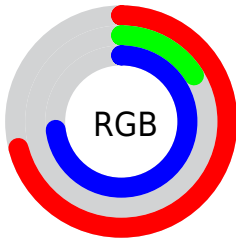
Format	Color
R _Y B	182, 41, 186
Decimal	11938234
CIE Lab	45.75, 70.33, -45.58
CIE LCh	46, 83.809, 327.051
Yxy	15.0857, 0.3152, 0.1641
Android (android.graphics.Color)	4290128314 (0xFFB629BA)
YUV	99.6890, 42.5513, 72.1867
Hunter-Lab	38.8403, 65.1768, -45.8466

Details

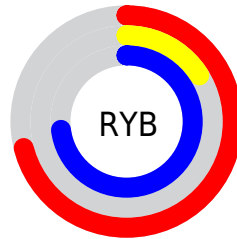
The YIQ color **99.6890, 37.4910, 74.9870** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **127.3110, -37.4910, -74.9870**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **160.2220, 37.3080, 72.7960**, and **52.4230, 32.1280, 67.5520** is the 20% darker color. If you saturate the color by 10%, you get **88.5360, 42.7160, 84.9240**, and if you desaturate by 10%, it is **111.1410, 32.8620, 65.2620**.

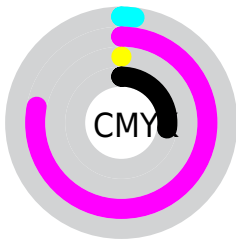
Distribution



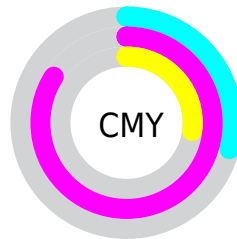
- Red (71%)
- Green (16%)
- Blue (73%)



- Red (71%)
- Yellow (16%)
- Blue (73%)



- Cyan (2%)
- Magenta (78%)
- Yellow (0%)
- Black (27%)



- Cyan (29%)
- Magenta (84%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.6890, 37.4910, 74.9870 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 99.6890, 37.4910, 74.9870 by changing the saturation by 10% instead.

■ 99.6890, 37.4910,
74.9870

■ 99.6890, 37.4910,
74.9870

■ 255.0000, -0.0000,
-0.0000

■ 63.8730, 40.1490,
81.8850

■ 160.2220, 37.3080,
72.7960

■ 52.4230, 32.1280,
67.5520

■ 182.7990, 33.8250,
64.3290

■ 41.0870, 23.7860,
53.5300

■ 199.8220, 25.8500,
49.1620

■ 29.8650, 15.1230,
39.8190

■ 216.8450, 17.8750,
33.9950

■ 19.4690, 7.0100,
27.1540

■ 233.8680, 9.9000,
18.8280

■ 3.9900, -11.2350,
10.8850

■ 251.4780, 1.6500,

■ 1.0260, -2.8890,

3.1380

2.7990

■ 0.0000, 0.0000,
0.0000

■ 99.6890, 37.4910,
74.9870

■ 99.6890, 37.4910,
74.9870

■ 88.5360, 42.7160,
84.9240

■ 111.1410, 32.8620,
65.2620

■ 77.6710, 47.0700,
94.1260

■ 121.7070, 27.9120,
55.8480

■ 75.3230, 48.1700,
96.2180

■ 133.1590, 23.2830,
46.1230

■ 143.7250, 18.3330,
36.7090

■ 155.1770, 13.7040,
26.9840

■ 166.3300, 8.4790,
17.0470

■ 177.1950, 4.1250,
7.8450

■ 188.3480, -1.1000,
-2.0920

■ 199.2130, -5.4540,
-11.2940

Harmonies

Analogous

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



102.1260, -60.2070, 39.3850



99.6890, 37.4910, 74.9870



79.9440, 94.1130, 84.0730

Triad

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



99.6890, 37.4910, 74.9870



102.3100, 53.6480, -25.1360



99.9130, -92.5660, -18.4700

Complementary

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



99.6890, 37.4910, 74.9870



127.3110, -37.4910, -74.9870

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.



91.1180, -69.1790, -40.3390



99.6890, 37.4910, 74.9870



92.2450, 7.5740, -49.1780

Square

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



99.6890, 37.4910, 74.9870



97.0140, 93.6690, 3.9810



79.1940, -41.1150, -64.3710



103.9490, -109.4420, 1.0380

Rectangle

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



99.6890, 37.4910, 74.9870



75.5970, 110.6670, 70.4030



79.1940, -41.1150, -64.3710



97.2910, -85.1830, -25.6230

Sweetspot

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



99.6890, 37.4910, 74.9870



209.4160, 14.5290, 28.5530



60.4650, -47.9200, 42.4800



101.7430, 8.7540, 17.5700



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



99.6890, 37.4910, 74.9870



106.9570, 58.8490, 117.4490



93.1330, 61.7030, 54.6870



86.7170, 2.4750, 4.7070



62.9330, 39.9200, 80.5280



11.2650, 7.1040, 14.4320

Inverse Universe

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



84.8110, 85.1360, 31.9840



83.5570, 133.3660, 49.9900



133.8670, -61.7030, -54.6870



85.6910, 5.3640, 1.9080



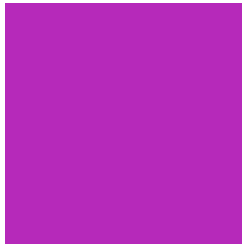
47.1000, 91.6920, 34.3160



8.4860, 16.3670, 6.2470

Previews

White Background



This preview shows how the YIQ color 99.6890, 37.4910, 74.9870 looks on a white background.

Color Contrast Check

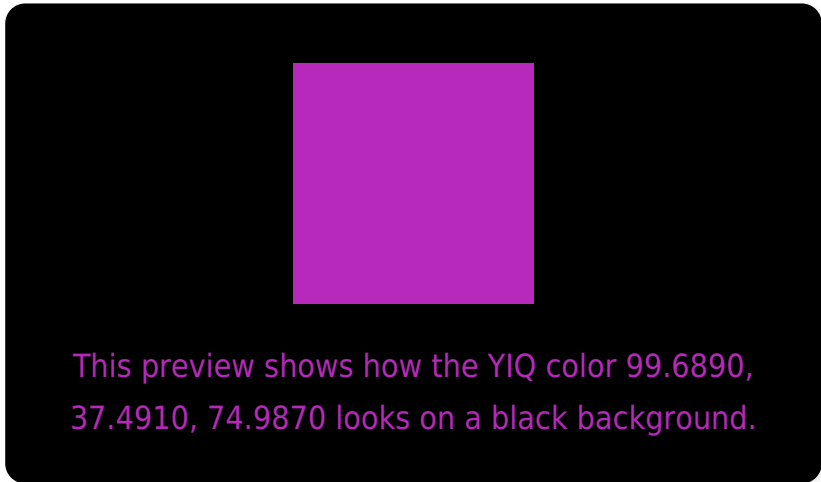
Large Text (above 18pt) WCAG AA ✓ Pass

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

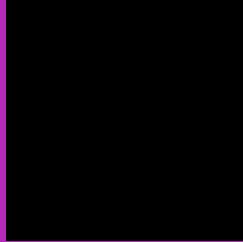
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.6890, 37.4910, 74.9870

Background



This preview shows how black text looks on a background with the YIQ color 99.6890, 37.4910, 74.9870.



This preview shows how white text looks on a background with the YIQ color 99.6890, 37.4910,

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

99.6890, 37.4910, 74.9870

Protanopia

87.0570, -100.4580, 14.4380

Deuteranopia

104.6780, -45.3470, 12.3570



Tritanopia

107.8930, 52.3100, 21.1580

Trichromacy



Original Color

99.6890, 37.4910, 74.9870



Protanomaly

91.8080, -50.6240, 36.4160



Deuteranomaly

102.7180, -15.3200, 35.3680



Tritanomaly

104.9750, 46.9880, 40.5240

Monochromacy



Original Color

99.6890, 37.4910, 74.9870



Achromatopsia

100.0000, -0.0000, -0.0000



Achromatomaly

100.1770, 13.7040, 26.9840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.6890, 37.4910, 74.9870 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(182, 41, 186)` looks like.

```
.text, #text, p{  
    color:rgb(182, 41, 186)  
}
```

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(182, 41, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 41, 186) }
```

Border

The CSS property to change the border of an element to YIQ 99.6890, 37.4910, 74.9870 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(182, 41, 186) }
```


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

```
.border{ border-color:rgb(182, 41, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 41, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 41, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 41, 186);  
box-shadow:4px 4px 4px 4px rgb(182, 41,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 99.6890, 37.4910, 74.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 41, 186) }
```

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

```
.background{ background-color: rgb(182, 41,  
186) }
```

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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