

Converting Colors

YIQ(103.1140, 37.4920, 69.4600)

Have a look what the booklet for
YIQ(103.1140, 37.4920, 69.4600)
contains.

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Color

**YIQ(103.1140, 37.4920,
69.4600)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B630B4 |
| RGB | 182, 48, 180 |
| RGB Percent | 71%, 19%, 71% |
| CMY | 0.2859, 0.8120, 0.2941 |
| CMYK | 0.00, 0.74, 0.01, 0.29 |
| HSL | 301°, 58%, 45% |
| HSV | 301°, 74%, 71% |
| XYZ | 28.6097, 15.3626, 44.6437 |
| YIQ | 103.1140, 37.4920, 69.4600 |

Conversions

Conversions Part 2

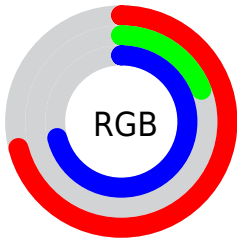
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 182, 48, 180 |
| Decimal | 11940020 |
| CIE _{Lab} | 46.13, 67.30, -41.47 |
| CIE _{LCh} | 46, 79.050, 328.362 |
| Yxy | 15.3626, 0.3228, 0.1734 |
| Android (android.graphics.Color) | 4290130100 (0xFFB630B4) |
| YUV | 103.1140, 37.9048, 69.1830 |
| Hunter-Lab | 39.1952, 61.7005, -40.0953 |

Details

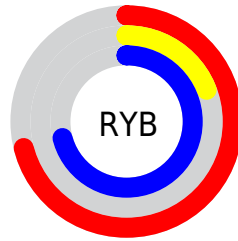
The YIQ color **103.1140, 37.4920, 69.4600** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **126.8860, -37.4920, -69.4600**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.3590, 38.1800, 68.0040**, and **51.7390, 34.0540, 65.6860** is the 20% darker color. If you saturate the color by 10%, you get **92.5480, 42.4420, 78.8740**, and if you desaturate by 10%, it is **113.6800, 32.5420, 60.0460**.

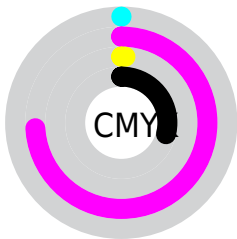
Distribution



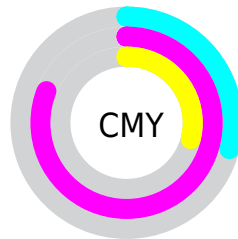
- Red (71%)
- Green (19%)
- Blue (71%)



- Red (71%)
- Yellow (19%)
- Blue (71%)



- Cyan (0%)
- Magenta (74%)
- Yellow (1%)
- Black (29%)





- Cyan (29%)
- Magenta (81%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 103.1140, 37.4920, 69.4600 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 103.1140, 37.4920, 69.4600 by changing the saturation by 10% instead.


 103.1140, 37.4920,
69.4600


 103.1140, 37.4920,
69.4600


255.0000, -0.0000,
-0.0000


 63.1890, 42.0750,
80.0190


 162.3590, 38.1800,
68.0040


 51.8530, 33.7330,
65.9970


 185.1470, 32.7250,
62.2370


 40.5170, 25.3910,
51.9750


 202.1700, 24.7500,
47.0700

 29.5940, 17.3240,
38.4760

 219.1930, 16.7750,
31.9030

 19.1980, 9.2110,
25.8110

 236.2160, 8.8000,
16.7360

 3.4200, -9.6300,
9.3300

253.8260, 0.5500,

 0.1140, -0.3210,

1.0460

0.3110

■ 0.0000, 0.0000,
0.0000

■ 103.1140, 37.4920,
69.4600

■ 103.1140, 37.4920,
69.4600

■ 92.5480, 42.4420,
78.8740

■ 113.6800, 32.5420,
60.0460

■ 81.8680, 47.7130,
87.9770

■ 124.3600, 27.2710,
50.9430

■ 74.8240, 51.0130,
94.2530

■ 135.5130, 22.0460,
41.0060

■ 146.0790, 17.0960,
31.5920

■ 156.6450, 12.1460,
22.1780

■ 167.3250, 6.8750,
13.0750

■ 177.8910, 1.9250,
3.6610

■ 189.0440, -3.3000,
-6.2760

■ 199.7240, -8.5710,
-15.3790

Harmonies

Analogous

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



105.9980, -48.1030, 40.2890



103.1140, 37.4920, 69.4600



78.4060, 92.6920, 82.2920

Triad

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



103.1140, 37.4920, 69.4600



103.1850, 52.5020, -26.3940



99.3260, -92.2910, -17.9470

Complementary

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



103.1140, 37.4920, 69.4600



126.8860, -37.4920, -69.4600

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.



91.6880, -70.7840, -38.7840



103.1140, 37.4920, 69.4600



93.1310, 7.8950, -49.4890

Square

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



103.1140, 37.4920, 69.4600



99.6390, 90.2310, 0.2070



80.9040, -45.9300, -59.7060



103.4930, -108.1580, -0.2060

Rectangle

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



103.1140, 37.4920, 69.4600



73.9880, 108.0080, 69.0320



80.9040, -45.9300, -59.7060



97.4050, -85.5040, -25.3120

Sweetspot

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



103.1140, 37.4920, 69.4600



206.3620, 14.6210, 26.8850



63.2760, -43.0140, 41.6740



101.6890, 8.8460, 15.9020



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



103.1140, 37.4920, 69.4600



113.9750, 58.4380, 108.3740



95.7040, 58.3570, 49.2450



86.7170, 2.4750, 4.7070



64.0860, 43.8630, 80.6550



11.5640, 7.7000, 14.6440

Inverse Universe

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



103.1140, 37.4920, 69.4600



113.9750, 58.4380, 108.3740



134.2960, -58.3570, -49.2450



86.7170, 2.4750, 4.7070



64.0860, 43.8630, 80.6550



11.5640, 7.7000, 14.6440

Previews

White Background



This preview shows how the YIQ color 103.1140, 37.4920, 69.4600 looks on a white background.

Color Contrast Check

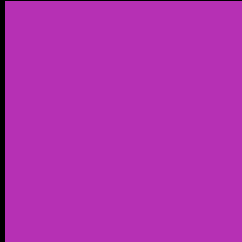
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.1140, 37.4920, 69.4600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

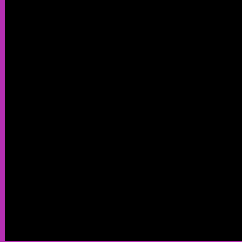
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.1140, 37.4920, 69.4600

Background



This preview shows how black text looks on a background with the YIQ color 103.1140, 37.4920, 69.4600.



This preview shows how white text looks on a background with the YIQ color 103.1140, 37.4920,

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

103.1140, 37.4920, 69.4600

Protanopia

87.8720, -101.3750, 14.5370

Deuteranopia

107.3860, -38.6530, 12.1870



Tritanopia

108.8930, 52.3100, 21.1580

Trichromacy



Original Color

103.1140, 37.4920, 69.4600



Protanomaly

93.4550, -51.1280, 34.5360



Deuteranomaly

105.5890, -10.6430, 33.2050



Tritanomaly

106.9210, 47.0800, 38.8560

Monochromacy



Original Color

103.1140, 37.4920, 69.4600



Achromatopsia

103.0000, -0.0000, 0.0000



Achromatomaly

103.1230, 13.7960, 25.3160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.1140, 37.4920, 69.4600 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, 48, 180)` looks like.

```
.text, #text, p{  
    color:rgb(182, 48, 180)  
}
```

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, 48, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 48, 180) }
```

Border

The CSS property to change the border of an element to YIQ 103.1140, 37.4920, 69.4600 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, 48, 180) }
```


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

```
.border{ border-color:rgb(182, 48, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 48, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 48, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 48, 180);  
box-shadow:4px 4px 4px 4px rgb(182, 48,  
180) }
```

Background

The CSS property to change the background color of an element to YIQ 103.1140, 37.4920, 69.4600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 48, 180) }
```

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

```
.background{ background-color: rgb(182, 48,  
180) }
```

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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