

Converting Colors

YIQ(71.4800, 34.8400, 29.4000)

Have a look what the booklet for
YIQ(71.4800, 34.8400, 29.4000)
contains.

YIQ(71.4800, 34.8400, 29.4000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(71.4800, 34.8400,
29.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	7B2B53
RGB	123, 43, 83
RGB Percent	48%, 17%, 33%
CMY	0.5174, 0.8315, 0.6744
CMYK	0.00, 0.65, 0.33, 0.52
HSL	330°, 48%, 33%
HSV	330°, 65%, 48%
XYZ	10.6013, 6.5653, 8.8976
YIQ	71.4800, 34.8400, 29.4000

Conversions

Conversions Part 2

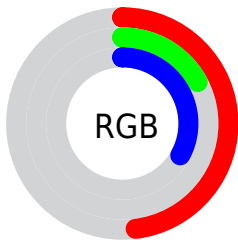
Format	Color
R_{YB}	123, 43, 83
Decimal	8072019
CIE Lab	30.80, 38.97, -6.11
CIE LCh	31, 39.450, 351.095
Yxy	6.5653, 0.4067, 0.2519
Android (android.graphics.Color)	4286262099 (0xFF7B2B53)
YUV	71.4800, 5.6794, 45.1830
Hunter-Lab	25.6228, 29.0134, -2.6528

Details

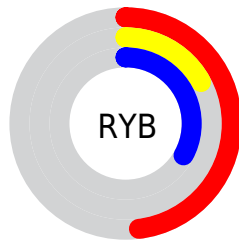
The YIQ color **71.4800, 34.8400, 29.4000** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **94.5200, -34.8400, -29.4000**, and the grayscale version is **71.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.4480, 37.8660, 29.6260**, and **25.2620, 29.5220, 26.6580** is the 20% darker color. If you saturate the color by 10%, you get **63.7520, 40.0660, 33.8100**, and if you desaturate by 10%, it is **79.2080, 29.6140, 24.9900**.

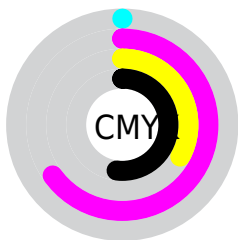
Distribution



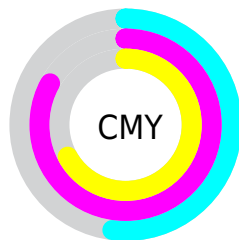
- Red (48%)
- Green (17%)
- Blue (33%)



- Red (48%)
- Yellow (17%)
- Blue (33%)



- Cyan (0%)
- Magenta (65%)
- Yellow (33%)
- Black (52%)



- Cyan (52%)
- Magenta (83%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.4800, 34.8400, 29.4000 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 71.4800, 34.8400, 29.4000 by changing the saturation by 10% instead.

■ 71.4800, 34.8400,
29.4000

■ 71.4800, 34.8400,
29.4000

■ 255.0000, -0.0000,
-0.0000

■ 44.3490, 33.8310,
31.1670

■ 123.4480, 37.8660,
29.6260

■ 25.5610, 30.1180,
26.8700

■ 150.4590, 39.3330,
30.5730

■ 16.4040, 22.8300,
15.7740

■ 177.3560, 41.1210,
31.2090

■ 0.0000, 0.0000,
0.0000

■ 202.0780, 36.0320,
29.8240

■ 221.8200, 19.0230,
24.1990

■ 240.3250, 6.8750,

13.0750

■ 71.4800, 34.8400,
29.4000

■ 71.4800, 34.8400,
29.4000

■ 63.7520, 40.0660,
33.8100

■ 79.2080, 29.6140,
24.9900

■ 55.4370, 45.5670,
38.7430

■ 87.5230, 24.1130,
20.0570

■ 47.7090, 50.7930,
43.1530

■ 95.2510, 18.8870,
15.6470

■ 43.8450, 53.4060,
45.3580

■ 103.0930, 13.3400,
11.5480

■ 110.8210, 8.1140,
7.1380

■ 119.1360, 2.6130,
2.2050

■ 126.8640, -2.6130,
-2.2050

■ 134.5920, -7.8390,
-6.6150

■ 142.9070,
-13.3400, -11.5480

Harmonies

Analogous

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



74.6650, 9.3940, 28.0020



71.4800, 34.8400, 29.4000



69.7290, 46.9000, 20.0840

Triad

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



71.4800, 34.8400, 29.4000



65.8020, 17.1520, -24.5120



63.5750, -61.8950, -7.1350

Complementary

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



71.4800, 34.8400, 29.4000



94.5200, -34.8400, -29.4000

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.



61.7850, -54.0990, -16.2670



71.4800, 34.8400, 29.4000



60.0290, -17.2800, -28.2560

Square

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



71.4800, 34.8400, 29.4000



68.6630, 36.9570, -14.4910



57.5500, -43.5520, -25.6960



61.5350, -64.4180, 0.0460

Rectangle

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



71.4800, 34.8400, 29.4000



70.1770, 48.0940, 9.4540



57.5500, -43.5520, -25.6960



63.2500, -59.6020, -10.1460

Sweetspot

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



71.4800, 34.8400, 29.4000



140.3920, 13.9360, 11.7600



63.7810, -2.4360, 33.1480



69.1200, 8.7100, 7.3500



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



71.4800, 34.8400, 29.4000



79.8560, 54.8730, 46.3050



67.0340, 47.3590, 17.2710



57.1360, 2.6130, 2.2050



44.4430, 54.5980, 45.7820



89.7120, 109.7460, 92.6100

Inverse Universe

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



71.4800, 34.8400, 29.4000



79.8560, 54.8730, 46.3050



98.9660, -47.3590, -17.2710



57.1360, 2.6130, 2.2050



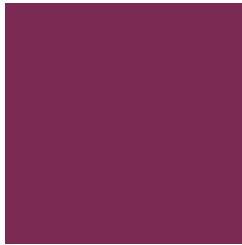
44.4430, 54.5980, 45.7820



89.7120, 109.7460, 92.6100

Previews

White Background



This preview shows how the YIQ color 71.4800, 34.8400, 29.4000 looks on a white background.

Color Contrast Check

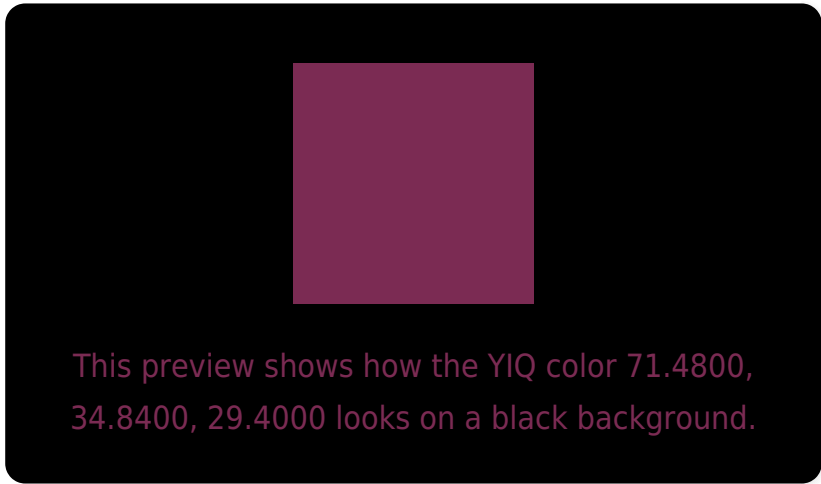
Large Text (above 18pt) WCAG AA ✓ Pass

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

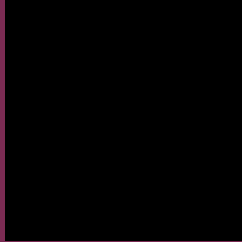
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.4800, 34.8400, 29.4000

Background



This preview shows how black text looks on a background with the YIQ color 71.4800, 34.8400, 29.4000.



This preview shows how white text looks on a background with the YIQ color 71.4800, 34.8400,

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

71.4800, 34.8400, 29.4000

Protanopia

73.1420, -14.7190, 7.9450

Deuteranopia

74.0050, 1.6040, 3.9720



Tritanopia

71.5710, 41.3530, 15.9850

Trichromacy



Original Color

71.4800, 34.8400, 29.4000

Protanomaly

72.1660, 3.0690, 15.9730

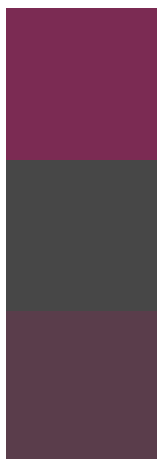
Deuteranomaly

73.0330, 13.5690, 12.9050

Tritanomaly

71.3630, 39.2430, 21.1870

Monochromacy



Original Color

71.4800, 34.8400, 29.4000

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

71.2670, 12.7900, 10.5020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.4800, 34.8400, 29.4000 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(123, 43, 83)` looks like.

```
.text, #text, p{  
    color:rgb(123, 43, 83)  
}
```

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(123, 43, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 43, 83) }
```

Border

The CSS property to change the border of an element to YIQ 71.4800, 34.8400, 29.4000 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(123, 43, 83) }
```


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

```
.border{ border-color:rgb(123, 43, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 43, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 43, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 43, 83);  
box-shadow:4px 4px 4px 4px rgb(123, 43,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 71.4800, 34.8400, 29.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 43, 83) }
```

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

```
.background{ background-color: rgb(123, 43,  
83) }
```

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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