

Converting Colors

YIQ(71.9840, 7.2380, 34.0380)

Have a look what the booklet for
YIQ(71.9840, 7.2380, 34.0380)
contains.

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Color

**YIQ(71.9840, 7.2380,
34.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	64307A
RGB	100, 48, 122
RGB Percent	39%, 19%, 48%
CMY	0.6077, 0.8118, 0.5216
CMYK	0.18, 0.61, 0.00, 0.52
HSL	282°, 44%, 33%
HSV	282°, 61%, 48%
XYZ	9.8288, 6.2289, 19.0942
YIQ	71.9840, 7.2380, 34.0380

Conversions

Conversions Part 2

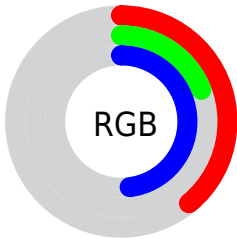
Format	Color
R_{YB}	100, 48, 122
Decimal	6566010
CIE Lab	29.98, 36.49, -32.67
CIE LCh	30, 48.973, 318.162
Yxy	6.2289, 0.2796, 0.1772
Android (android.graphics.Color)	4284756090 (0xFF64307A)
YUV	71.9840, 24.6579, 24.5700
Hunter-Lab	24.9577, 26.6203, -27.8902

Details

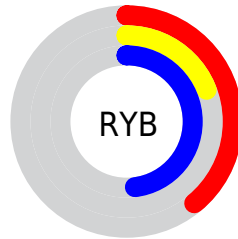
The YIQ color **71.9840, 7.2380, 34.0380** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.0160, -7.2380, -34.0380**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **122.6360, 8.3380, 36.1300**, and **23.2720, 6.3670, 33.3030** is the 20% darker color. If you saturate the color by 10%, you get **63.7440, 8.1540, 39.4660**, and if you desaturate by 10%, it is **80.2240, 6.3220, 28.6100**.

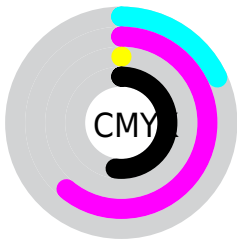
Distribution



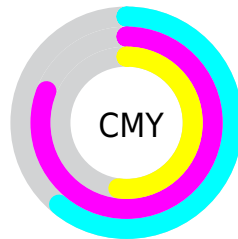
- Red (39%)
- Green (19%)
- Blue (48%)



- Red (39%)
- Yellow (19%)
- Blue (48%)



- Cyan (18%)
- Magenta (61%)
- Yellow (0%)
- Black (52%)



- Cyan (61%)
- Magenta (81%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.9840, 7.2380, 34.0380 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 71.9840, 7.2380, 34.0380 by changing the saturation by 10% instead.

71.9840, 7.2380,
34.0380

71.9840, 7.2380,
34.0380

255.0000, -0.0000,
-0.0000

47.5710, 6.9630,
33.5150

122.6360, 8.3380,
36.1300

23.2720, 6.3670,
33.3030

149.0490, 8.6130,
36.6530

14.9690, 2.4260,
22.1220

176.2880, 9.4380,
38.2220

3.7790, -9.2630,
8.1850

203.2450, 10.9970,
37.5010

0.0000, 0.0000,
0.0000

225.0630, 14.0250,
26.6730

241.4990, 6.3250,

12.0290

■ 71.9840, 7.2380,
34.0380

■ 71.9840, 7.2380,
34.0380

■ 63.7440, 8.1540,
39.4660

■ 80.2240, 6.3220,
28.6100

■ 55.8030, 9.6660,
45.1060

■ 88.1650, 4.8100,
22.9700

■ 46.9760, 10.8570,
51.0570

■ 96.9920, 3.6190,
17.0190

■ 39.6220, 12.0940,
56.1740

■ 105.2320, 2.7030,
11.5910

■ 113.1730, 1.1910,
5.9510

■ 121.4130, 0.2750,
0.5230

■ 129.3540, -1.2370,
-5.1170

■ 138.1810, -2.4280,
-11.0680

■ 146.4210, -3.3440,
-16.4960

Harmonies

Analogous

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



62.6220, -50.9410, 14.6190



71.9840, 7.2380, 34.0380



64.6370, 42.1280, 40.4960

Triad

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



71.9840, 7.2380, 34.0380



66.5820, 41.6790, -11.9610



61.6710, -53.7780, -16.5780

Complementary

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



71.9840, 7.2380, 34.0380



98.0160, -7.2380, -34.0380

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.



56.6380, -40.9840, -28.1840



71.9840, 7.2380, 34.0380



64.0470, 17.8400, -25.9680

Square

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



71.9840, 7.2380, 34.0380



64.8590, 57.6770, 6.4850



51.5840, -23.6970, -38.6170



64.9600, -64.4170, -5.4810

Rectangle

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



71.9840, 7.2380, 34.0380



61.5320, 55.4250, 36.2970



51.5840, -23.6970, -38.6170



60.1890, -49.6050, -20.6210

Sweetspot

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



71.9840, 7.2380, 34.0380



139.1720, 2.9320, 12.9480



69.3500, -29.8040, 11.5080



67.5260, 1.6950, 7.8310



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



71.9840, 7.2380, 34.0380



80.3290, 11.3610, 52.9370



76.8520, 25.1650, 34.0370



56.8800, 0.4580, 2.7140



40.5620, 12.3230, 57.5310



81.9500, 25.1960, 116.1080

Inverse Universe

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



72.6340, 37.0420, 22.5300



81.2610, 57.6260, 34.9540



93.1480, -25.1650, -34.0370



57.0220, 2.9340, 1.8940



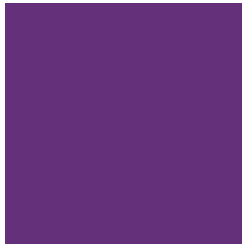
41.5930, 62.6230, 38.0070



83.8980, 126.1170, 76.7490

Previews

White Background



This preview shows how the YIQ color 71.9840, 7.2380, 34.0380 looks on a white background.

Color Contrast Check

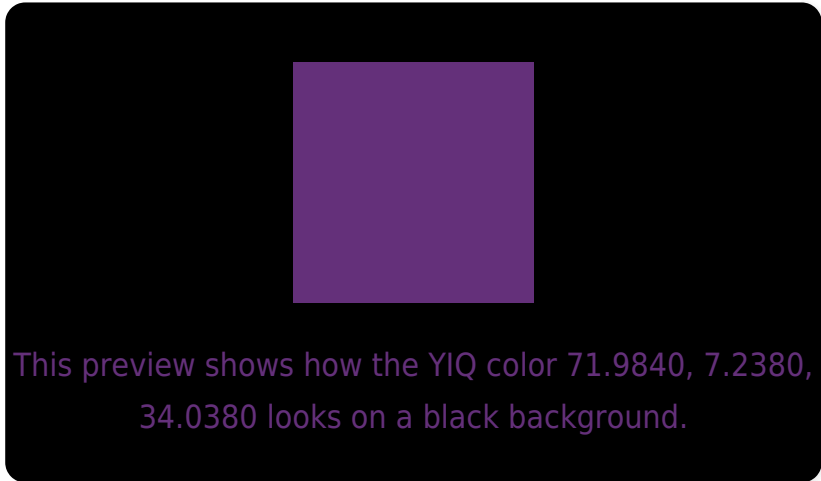
Large Text (above 18pt) WCAG AA ✓ Pass

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

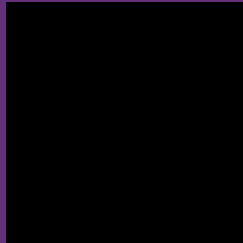
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.9840, 7.2380, 34.0380

Background



This preview shows how black text looks on a background with the YIQ color 71.9840, 7.2380, 34.0380.



This preview shows how white text looks on a background with the YIQ color 71.9840, 7.2380,

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

71.9840, 7.2380, 34.0380

Protanopia

62.7850, -52.9580, 12.6260

Deuteranopia

67.9750, -33.2420, 7.7340



Tritanopia

72.2410, 15.6790, 7.7030

Trichromacy



Original Color

71.9840, 7.2380, 34.0380

Protanomaly

65.8480, -30.9060, 20.4700

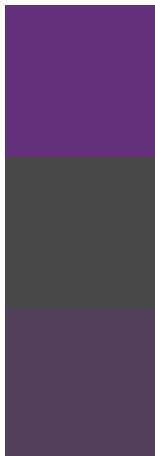
Deuteranomaly

69.0850, -18.5720, 17.2040

Tritanomaly

72.4830, 12.4220, 17.1740

Monochromacy



Original Color

71.9840, 7.2380, 34.0380

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.7590, 2.6570, 12.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.9840, 7.2380, 34.0380 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(100, 48, 122)` looks like.

```
.text, #text, p{  
    color:rgb(100, 48, 122)  
}
```

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(100, 48, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 48, 122) }
```

Border

The CSS property to change the border of an element to YIQ 71.9840, 7.2380, 34.0380 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(100, 48, 122) }
```


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

```
.border{ border-color:rgb(100, 48, 122) }
```

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

Here you see how a box with a 4 pixel rgb(100, 48, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 48, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 48, 122);  
box-shadow:4px 4px 4px 4px rgb(100, 48,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 71.9840, 7.2380, 34.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 48, 122) }
```

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

```
.background{ background-color: rgb(100, 48,  
122) }
```

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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