

Converting Colors

YIQ(71.8240, 39.5630, 26.4030)

Have a look what the booklet for
YIQ(71.8240, 39.5630, 26.4030)
contains.

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Color

**YIQ(71.8240, 39.5630,
26.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	7E2C49
RGB	126, 44, 73
RGB Percent	49%, 17%, 29%
CMY	0.5057, 0.8276, 0.7136
CMYK	0.00, 0.65, 0.42, 0.51
HSL	339°, 48%, 33%
HSV	339°, 65%, 49%
XYZ	10.7153, 6.7201, 7.0416
YIQ	71.8240, 39.5630, 26.4030

Conversions

Conversions Part 2

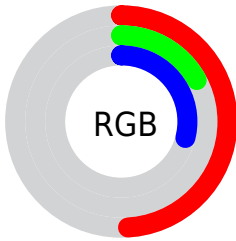
Format	Color
R_{YB}	126, 44, 73
Decimal	8268873
CIE Lab	31.16, 38.26, 1.03
CIE LCh	31, 38.276, 1.547
Yxy	6.7201, 0.4378, 0.2745
Android (android.graphics.Color)	4286458953 (0xFF7E2C49)
YUV	71.8240, 0.5798, 47.5124
Hunter-Lab	25.9231, 28.4179, 2.0408

Details

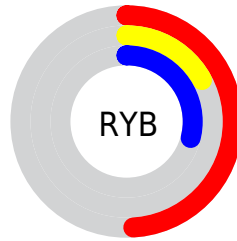
The YIQ color **71.8240, 39.5630, 26.4030** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **98.1760, -39.5630, -26.4030**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **123.9770, 43.5060, 26.5300**, and **25.2470, 33.8780, 24.8060** is the 20% darker color. If you saturate the color by 10%, you get **63.2810, 45.7060, 30.7140**, and if you desaturate by 10%, it is **80.3670, 33.4200, 22.0920**.

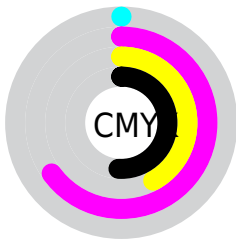
Distribution



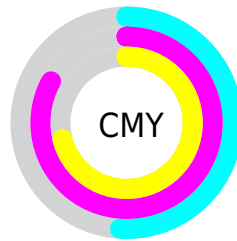
- Red (49%)
- Green (17%)
- Blue (29%)



- Red (49%)
- Yellow (17%)
- Blue (29%)



- Cyan (0%)
- Magenta (65%)
- Yellow (42%)
- Black (51%)



- Cyan (51%)
- Magenta (83%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.8240, 39.5630, 26.4030 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 71.8240, 39.5630, 26.4030 by changing the saturation by 10% instead.

■ 71.8240, 39.5630,
26.4030

■ 71.8240, 39.5630,
26.4030

■ 255.0000, -0.0000,
-0.0000

■ 45.3940, 37.9580,
27.9580

■ 123.9770, 43.5060,
26.5300

■ 25.2470, 33.8780,
24.8060

■ 150.2870, 45.5690,
27.6890

■ 15.5910, 29.4330,
11.7450

■ 177.8850, 46.7610,
28.1130

■ 0.0000, 0.0000,
0.0000

■ 201.2970, 39.6090,
25.5690

■ 220.9250, 22.9210,
19.6330

■ 240.9120, 6.6000,

12.5520

■ 71.8240, 39.5630,
26.4030

■ 71.8240, 39.5630,
26.4030

■ 63.2810, 45.7060,
30.7140

■ 80.3670, 33.4200,
22.0920

■ 55.3250, 51.5740,
34.5020

■ 88.3230, 27.5520,
18.3040

■ 46.7820, 57.7170,
38.8130

■ 96.8660, 21.4090,
13.9930

■ 42.8040, 60.6510,
40.7070

■ 104.9360, 15.2200,
10.5160

■ 113.4790, 9.0770,
6.2050

■ 122.0220, 2.9340,
1.8940

■ 129.9780, -2.9340,
-1.8940

■ 138.5210, -9.0770,
-6.2050

■ 146.4770,
-14.9450, -9.9930

Harmonies

Analogous

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



74.7540, 19.3890, 28.5810



71.8240, 39.5630, 26.4030



71.1540, 46.9010, 14.5570

Triad

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



71.8240, 39.5630, 26.4030



66.5280, 6.2400, -24.9920



63.6720, -63.5460, -4.7460

Complementary

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



71.8240, 39.5630, 26.4030



98.1760, -39.5630, -26.4030

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.



62.9250, -57.3090, -13.1570



71.8240, 39.5630, 26.4030



54.7970, -37.1780, -31.0820

Square

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



71.8240, 39.5630, 26.4030



68.7330, 30.7680, -17.9680



59.5050, -47.6790, -22.4870



59.7740, -63.5930, 1.6150

Rectangle

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



71.8240, 39.5630, 26.4030



71.2210, 44.7940, 3.1780



59.5050, -47.6790, -22.4870



63.5750, -61.8950, -7.1350

Sweetspot

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



71.8240, 39.5630, 26.4030



141.8220, 15.5410, 10.2050



68.8960, 4.6700, 36.5260



68.7780, 9.6730, 6.4170



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.



71.8240, 39.5630, 26.4030



79.1030, 61.2470, 40.9190



74.9750, 45.8470, 11.6310



59.4350, 3.2090, 2.4170



43.4020, 61.8430, 41.1310



0.0000, 0.0000, 0.0000

Inverse Universe

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



71.8240, 39.5630, 26.4030



79.1030, 61.2470, 40.9190



95.0250, -45.8470, -11.6310



59.4350, 3.2090, 2.4170



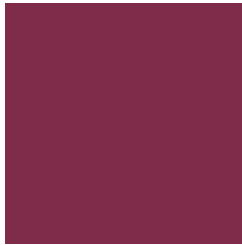
43.4020, 61.8430, 41.1310



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 71.8240, 39.5630, 26.4030 looks on a white background.

Color Contrast Check

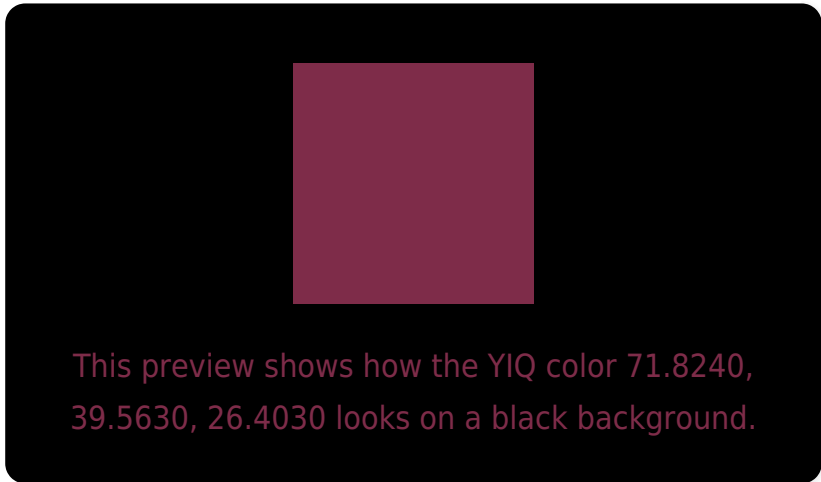
Large Text (above 18pt) WCAG AA ✓ Pass

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

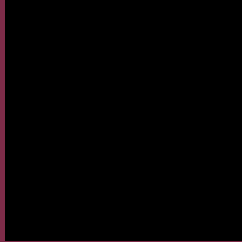
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.8240, 39.5630, 26.4030

Background



This preview shows how black text looks on a background with the YIQ color 71.8240, 39.5630, 26.4030.



This preview shows how white text looks on a background with the YIQ color 71.8240, 39.5630,

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

71.8240, 39.5630, 26.4030

Protanopia

74.7420, -7.8410, 4.4390

Deuteranopia

74.9470, 7.5190, 1.3990



Tritanopia

72.0660, 44.3330, 17.0450

Trichromacy



Original Color

71.8240, 39.5630, 26.4030

Protanomaly

73.4670, 9.3510, 12.2550

Deuteranomaly

73.9750, 19.4840, 10.3320

Tritanomaly

71.8040, 42.3150, 20.5790

Monochromacy



Original Color

71.8240, 39.5630, 26.4030

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.1100, 14.6700, 9.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.8240, 39.5630, 26.4030 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(126, 44, 73)` looks like.

```
.text, #text, p{  
    color:rgb(126, 44, 73)  
}
```

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(126, 44, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 44, 73) }
```

Border

The CSS property to change the border of an element to YIQ 71.8240, 39.5630, 26.4030 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(126, 44, 73) }
```


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

```
.border{ border-color:rgb(126, 44, 73) }
```

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

Here you see how a box with a 4 pixel rgb(126, 44, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 44, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 44, 73);  
box-shadow:4px 4px 4px 4px rgb(126, 44,  
73) }
```

Background

The CSS property to change the background color of an element to YIQ 71.8240, 39.5630, 26.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 44, 73) }
```

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

```
.background{ background-color: rgb(126, 44,  
73) }
```

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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