

Converting Colors

YIQ(73.4270, 42.3590, 30.7990)

Have a look what the booklet for
YIQ(73.4270, 42.3590, 30.7990)
contains.

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Color

**YIQ(73.4270, 42.3590,
30.7990)**

Conversions

Conversions Part 1

Format	Color
Hex	852A4F
RGB	133, 42, 79
RGB Percent	52%, 16%, 31%
CMY	0.4782, 0.8354, 0.6901
CMYK	0.00, 0.68, 0.41, 0.48
HSL	336°, 52%, 34%
HSV	336°, 68%, 52%
XYZ	11.9217, 7.2098, 8.1672
YIQ	73.4270, 42.3590, 30.7990

Conversions

Conversions Part 2

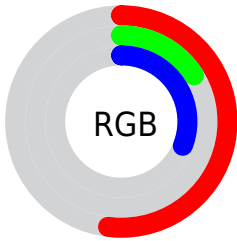
Format	Color
R_{YB}	133, 42, 79
Decimal	8727119
CIE _{Lab}	32.28, 42.18, -1.11
CIE _{LCh}	32, 42.198, 358.499
Yxy	7.2098, 0.4367, 0.2641
Android (android.graphics.Color)	4286917199 (0xFF852A4F)
YUV	73.4270, 2.7475, 52.2455
Hunter-Lab	26.8510, 32.2637, 0.7616

Details

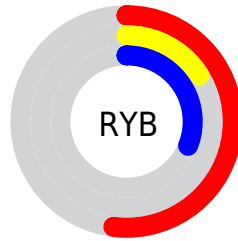
The YIQ color **73.4270, 42.3590, 30.7990** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **101.5730, -42.3590, -30.7990**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.2810, 45.7060, 30.7140**, and **27.6110, 35.8490, 27.6330** is the 20% darker color. If you saturate the color by 10%, you get **64.8840, 48.5020, 35.1100**, and if you desaturate by 10%, it is **81.9700, 36.2160, 26.4880**.

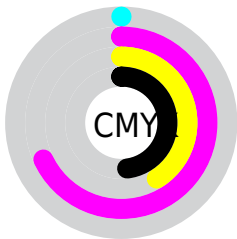
Distribution



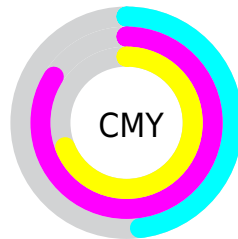
- Red (52%)
- Green (16%)
- Blue (31%)



- Red (52%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (68%)
- Yellow (41%)
- Black (48%)





- Cyan (48%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 73.4270, 42.3590, 30.7990 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 73.4270, 42.3590, 30.7990 by changing the saturation by 10% instead.


 73.4270, 42.3590,
30.7990


 73.4270, 42.3590,
30.7990


255.0000, -0.0000,
-0.0000


 45.1220, 41.9000,
33.6120


 126.2810, 45.7060,
30.7140


 27.6110, 35.8490,
27.6330

 153.1780, 47.4940,
31.3500


 17.9270, 28.6070,
15.7030

 181.0750, 49.2820,
31.9860

 5.9800, 11.9200,
4.2400

 202.0950, 37.3620,
27.7460

 0.0000, 0.0000,
0.0000

 221.7230, 20.6740,
21.8100

 240.9120, 6.6000,

12.5520

■ 73.4270, 42.3590,
30.7990

■ 73.4270, 42.3590,
30.7990

■ 64.8840, 48.5020,
35.1100

■ 81.9700, 36.2160,
26.4880

■ 55.7540, 54.9200,
39.9440

■ 91.1000, 29.7980,
21.6540

■ 47.2110, 61.0630,
44.2550

■ 99.6430, 23.6550,
17.3430

■ 45.9230, 61.9340,
44.9900

■ 108.1860, 17.5120,
13.0320

■ 116.6150, 11.6900,
8.4100

■ 125.7450, 5.2720,
3.5760

■ 134.2880, -0.8710,
-0.7350

■ 142.8310, -7.0140,
-5.0460

■ 151.9610,
-13.4320, -9.8800

Harmonies

Analogous

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



77.2640, 18.0130, 31.4930



73.4270, 42.3590, 30.7990



72.6000, 51.5770, 17.9210

Triad

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



73.4270, 42.3590, 30.7990



67.7580, 11.2840, -28.3000



66.7040, -66.5720, -4.9720

Complementary

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



73.4270, 42.3590, 30.7990



101.5730, -42.3590, -30.7990

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.



65.6150, -59.3720, -14.3160



73.4270, 42.3590, 30.7990



56.6890, -36.9940, -34.4180

Square

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



73.4270, 42.3590, 30.7990



71.2450, 35.0780, -18.9860



61.7390, -48.4580, -24.8900



63.2620, -67.9030, 2.6330

Rectangle

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



73.4270, 42.3590, 30.7990



73.3250, 50.4330, 5.6090



61.7390, -48.4580, -24.8900



66.4930, -64.6000, -7.6720

Sweetspot

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



73.4270, 42.3590, 30.7990



149.4740, 16.6410, 12.2970



68.2210, 2.3770, 39.5370



72.6040, 10.2230, 7.4630



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



73.4270, 42.3590, 30.7990



80.0700, 66.0140, 48.1420



73.9050, 52.0360, 15.1080



62.0220, 2.9340, 1.8940



44.9120, 60.4670, 44.0430



1.0110, 1.4670, 0.9470

Inverse Universe

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



73.4270, 42.3590, 30.7990



80.0700, 66.0140, 48.1420



101.0950, -52.0360, -15.1080



62.0220, 2.9340, 1.8940



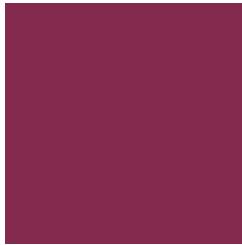
44.9120, 60.4670, 44.0430



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 73.4270, 42.3590, 30.7990 looks on a white background.

Color Contrast Check

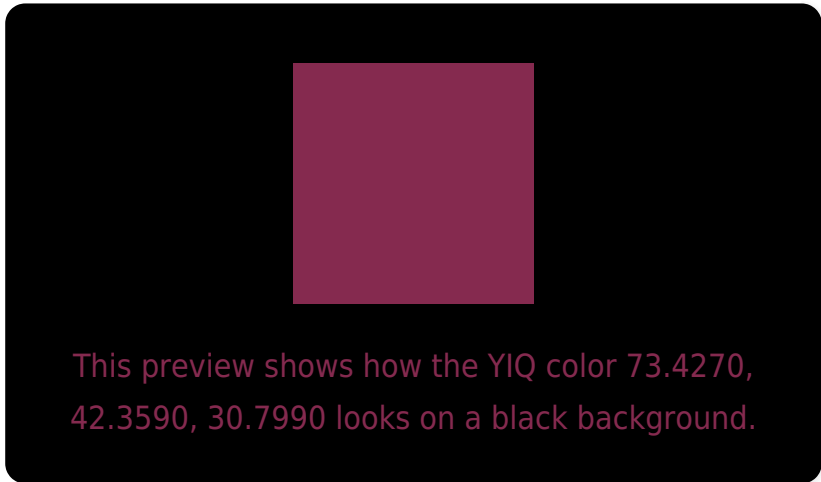
Large Text (above 18pt) WCAG AA ✓ Pass

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

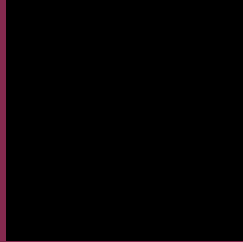
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.4270, 42.3590, 30.7990

Background



This preview shows how black text looks on a background with the YIQ color 73.4270, 42.3590, 30.7990.



This preview shows how white text looks on a background with the YIQ color 73.4270, 42.3590,

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

73.4270, 42.3590, 30.7990

Protanopia

77.2410, -10.6840, 6.4040

Deuteranopia

77.4030, 6.2350, 2.6430



Tritanopia

73.1590, 48.5050, 18.5290

Trichromacy



Original Color

73.4270, 42.3590, 30.7990

Protanomaly

76.1620, 8.8920, 15.0680

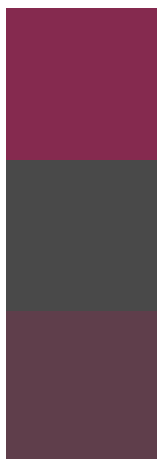
Deuteranomaly

75.5560, 19.3460, 12.8340

Tritanomaly

73.4240, 46.4410, 22.8970

Monochromacy



Original Color

73.4270, 42.3590, 30.7990

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

73.3490, 15.4950, 11.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.4270, 42.3590, 30.7990 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(133, 42, 79)` looks like.

```
.text, #text, p{  
    color:rgb(133, 42, 79)  
}
```

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(133, 42, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 42, 79) }
```

Border

The CSS property to change the border of an element to YIQ 73.4270, 42.3590, 30.7990 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(133, 42, 79) }
```


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

```
.border{ border-color:rgb(133, 42, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 42, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 42, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 42, 79);  
box-shadow:4px 4px 4px 4px rgb(133, 42,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 73.4270, 42.3590, 30.7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 42, 79) }
```

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

```
.background{ background-color: rgb(133, 42,  
79) }
```

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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