

Converting Colors

YIQ(74.9440, 39.1050, 23.6890)

Have a look what the booklet for
YIQ(74.9440, 39.1050, 23.6890)
contains.

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Color

**YIQ(74.9440, 39.1050,
23.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	7F3148
RGB	127, 49, 72
RGB Percent	50%, 19%, 28%
CMY	0.5018, 0.8080, 0.7175
CMYK	0.00, 0.61, 0.43, 0.50
HSL	342°, 44%, 35%
HSV	342°, 61%, 50%
XYZ	11.0278, 7.1782, 6.9412
YIQ	74.9440, 39.1050, 23.6890

Conversions

Conversions Part 2

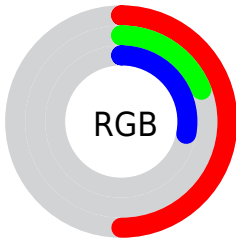
Format	Color
R_{YB}	127, 49, 72
Decimal	8335688
CIE Lab	32.21, 36.07, 3.22
CIE LCh	32, 36.213, 5.108
Yxy	7.1782, 0.4385, 0.2854
Android (android.graphics.Color)	4286525768 (0xFF7F3148)
YUV	74.9440, -1.4514, 45.6531
Hunter-Lab	26.7921, 26.5854, 3.3939

Details

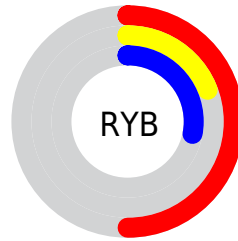
The YIQ color **74.9440, 39.1050, 23.6890** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **101.0560, -39.1050, -23.6890**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.5100, 43.3230, 24.3390**, and **25.4320, 34.7950, 24.7070** is the 20% darker color. If you saturate the color by 10%, you get **66.2870, 45.5690, 27.6890**, and if you desaturate by 10%, it is **83.6010, 32.6410, 19.6890**.

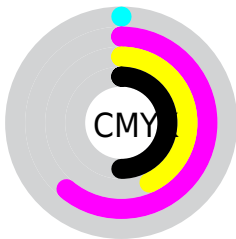
Distribution



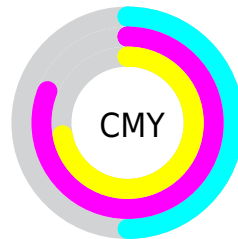
- Red (50%)
- Green (19%)
- Blue (28%)



- Red (50%)
- Yellow (19%)
- Blue (28%)



- Cyan (0%)
- Magenta (61%)
- Yellow (43%)
- Black (50%)





- Cyan (50%)
- Magenta (81%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.9440, 39.1050, 23.6890 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 74.9440, 39.1050, 23.6890 by changing the saturation by 10% instead.


 74.9440, 39.1050,
23.6890


 74.9440, 39.1050,
23.6890


255.0000, -0.0000,
-0.0000


 49.1010, 37.2250,
24.7210


 126.5100, 43.3230,
24.3390


 25.4320, 34.7950,
24.7070

 153.1080, 44.5150,
24.7630

 15.4770, 29.7540,
11.4340

 181.0050, 46.3030,
25.3990

 1.7940, 3.5760,
1.2720

 204.1180, 38.5550,
22.6430

 0.0000, 0.0000,
0.0000

 223.7460, 21.8670,
16.7070

 243.2600, 5.5000,

10.4600

■ 74.9440, 39.1050,
23.6890

■ 74.9440, 39.1050,
23.6890

■ 66.2870, 45.5690,
27.6890

■ 83.6010, 32.6410,
19.6890

■ 58.2170, 51.7580,
31.1660

■ 91.6710, 26.4520,
16.2120

■ 49.5600, 58.2220,
35.1660

■ 100.3280, 19.9880,
12.2120

■ 42.3050, 63.4940,
38.7420

■ 108.9850, 13.5240,
8.2120

■ 117.0550, 7.3350,
4.7350

■ 125.7120, 0.8710,
0.7350

■ 134.3690, -5.5930,
-3.2650

■ 143.0260,
-12.0570, -7.2650

■ 151.0960,
-18.2460, -10.7420

Harmonies

Analogous

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



77.1840, 20.9940, 27.0260



74.9440, 39.1050, 23.6890



73.9040, 44.6090, 12.0410

Triad

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



74.9440, 39.1050, 23.6890



68.7280, 2.8010, -23.2390



64.3730, -64.1420, -4.9580

Complementary

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



74.9440, 39.1050, 23.6890



101.0560, -39.1050, -23.6890

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.



64.5550, -59.1430, -12.9590



74.9440, 39.1050, 23.6890



57.7690, -39.9750, -29.9510

Square

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



74.9440, 39.1050, 23.6890



71.8080, 26.1830, -17.4730



61.3630, -50.1550, -21.6670



66.0420, -52.5440, 5.1200

Rectangle

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



74.9440, 39.1050, 23.6890



74.3840, 42.7770, 1.1850



61.3630, -50.1550, -21.6670



64.9770, -63.0870, -7.5590

Sweetspot

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



74.9440, 39.1050, 23.6890



145.9960, 14.9910, 9.1590



74.3370, 7.7420, 35.9180



71.9520, 9.1230, 5.3710



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



74.9440, 39.1050, 23.6890



83.8810, 61.7520, 37.2720



81.7140, 42.0880, 8.1680



59.3210, 3.5300, 2.1060



42.6040, 64.0900, 38.9540



0.0000, 0.0000, 0.0000

Inverse Universe

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



74.9440, 39.1050, 23.6890



83.8810, 61.7520, 37.2720



94.2860, -42.0880, -8.1680



59.3210, 3.5300, 2.1060



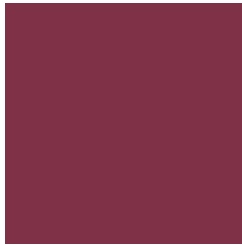
42.6040, 64.0900, 38.9540



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 74.9440, 39.1050, 23.6890 looks on a white background.

Color Contrast Check

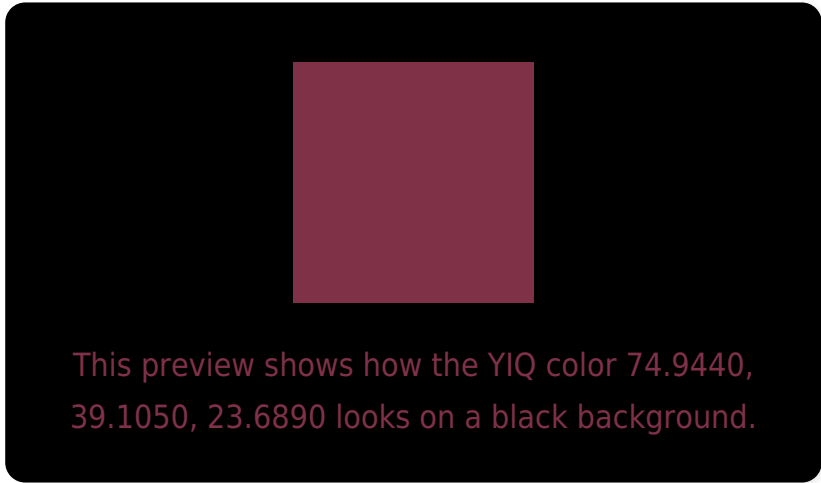
Large Text (above 18pt) WCAG AA ✓ Pass

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

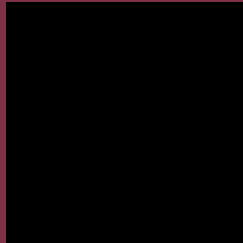
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.9440, 39.1050, 23.6890

Background



This preview shows how black text looks on a background with the YIQ color 74.9440, 39.1050, 23.6890.



This preview shows how white text looks on a background with the YIQ color 74.9440, 39.1050,

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

74.9440, 39.1050, 23.6890

Protanopia

77.0690, -4.4480, 3.5200

Deuteranopia

77.2030, 9.6740, 0.8900



Tritanopia

74.5820, 42.8200, 16.9320

Trichromacy



Original Color

74.9440, 39.1050, 23.6890

Protanomaly

76.1960, 11.5520, 10.9120

Deuteranomaly

76.5190, 20.7680, 9.0880

Tritanomaly

74.6790, 41.1690, 19.3210

Monochromacy



Original Color

74.9440, 39.1050, 23.6890

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.2840, 14.1200, 8.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.9440, 39.1050, 23.6890 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(127, 49, 72)` looks like.

```
.text, #text, p{  
    color:rgb(127, 49, 72)  
}
```

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(127, 49, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 49, 72) }
```

Border

The CSS property to change the border of an element to YIQ 74.9440, 39.1050, 23.6890 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(127, 49, 72) }
```


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

```
.border{ border-color:rgb(127, 49, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 49, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 49, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 49, 72);  
box-shadow:4px 4px 4px 4px rgb(127, 49,  
72) }
```

Background

The CSS property to change the background color of an element to YIQ 74.9440, 39.1050, 23.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 49, 72) }
```

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

```
.background{ background-color: rgb(127, 49,  
72) }
```

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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