

Converting Colors

YIQ(74.0460, 48.2260, 40.1140)

Have a look what the booklet for
YIQ(74.0460, 48.2260, 40.1140)
contains.

YIQ(74.0460, 48.2260, 40.1140)	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(74.0460, 48.2260,
40.1140)**

Conversions

Conversions Part 1

Format	Color
Hex	912359
RGB	145, 35, 89
RGB Percent	57%, 14%, 35%
CMY	0.4311, 0.8629, 0.6508
CMYK	0.00, 0.76, 0.39, 0.43
HSL	331°, 61%, 35%
HSV	331°, 76%, 57%
XYZ	14.0948, 7.9478, 10.2508
YIQ	74.0460, 48.2260, 40.1140

Conversions

Conversions Part 2

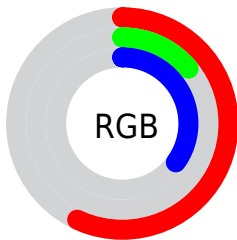
Format	Color
R_{YB}	145, 35, 89
Decimal	9511769
CIE Lab	33.87, 49.68, -4.99
CIE LCh	34, 49.929, 354.260
Yxy	7.9478, 0.4365, 0.2461
Android (android.graphics.Color)	4287701849 (0xFF912359)
YUV	74.0460, 7.3723, 62.2267
Hunter-Lab	28.1919, 39.9066, -1.8240

Details

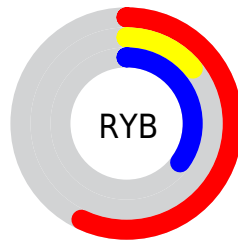
The YIQ color **74.0460, 48.2260, 40.1140** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **105.9540, -48.2260, -40.1140**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.0740, 51.0230, 38.9830**, and **31.9260, 39.5160, 32.7640** is the 20% darker color. If you saturate the color by 10%, you get **64.4430, 54.5980, 45.7820**, and if you desaturate by 10%, it is **83.0620, 42.1290, 34.9690**.

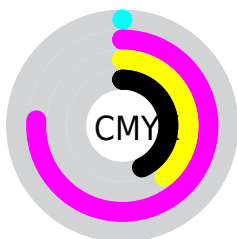
Distribution



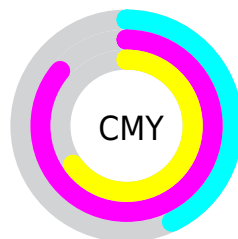
- Red (57%)
- Green (14%)
- Blue (35%)



- Red (57%)
- Yellow (14%)
- Blue (35%)



- Cyan (0%)
- Magenta (76%)
- Yellow (39%)
- Black (43%)





- Cyan (43%)
- Magenta (86%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 74.0460, 48.2260, 40.1140 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 74.0460, 48.2260, 40.1140 by changing the saturation by 10% instead.


 74.0460, 48.2260,
40.1140

 74.0460, 48.2260,
40.1140


255.0000, -0.0000,
-0.0000


 42.5070, 48.5460,
45.3300


 129.3730, 51.6190,
39.1950


 31.9260, 39.5160,
32.7640

 156.8570, 53.1320,
39.3080


 21.4590, 30.1650,
20.5090

 182.6610, 50.7480,
38.4600

 11.1770, 21.7310,
8.1550

 202.2890, 34.0600,
32.5240

 0.0000, 0.0000,
0.0000

 222.0310, 17.0510,
26.8990

 239.7380, 7.1500,

13.5980

■ 74.0460, 48.2260,
40.1140

■ 74.0460, 48.2260,
40.1140

■ 64.4430, 54.5980,
45.7820

■ 83.0620, 42.1290,
34.9690

■ 55.3130, 61.0160,
50.6160

■ 92.7790, 35.4360,
29.6120

■ 51.4490, 63.6290,
52.8210

■ 101.7950, 29.3390,
24.4670

■ 111.5120, 22.6460,
19.1100

■ 120.5280, 16.5490,
13.9650

■ 130.1310, 10.1770,
8.2970

■ 139.8480, 3.4840,
2.9400

■ 148.8640, -2.6130,
-2.2050

■ 158.4670, -8.9850,
-7.8730

Harmonies

Analogous

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



80.5830, 15.8570, 37.5290



74.0460, 48.2260, 40.1140



72.8450, 61.4330, 26.5290

Triad

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



74.0460, 48.2260, 40.1140



70.8030, 15.4110, -31.5090



72.1810, -72.3490, -4.9010

Complementary

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



74.0460, 48.2260, 40.1140



105.9540, -48.2260, -40.1140

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.



69.5930, -62.3060, -16.2100



74.0460, 48.2260, 40.1140



58.4840, -35.1590, -40.1430

Square

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



74.0460, 48.2260, 40.1140



75.1210, 41.3590, -17.1770



65.0330, -49.4660, -28.6500



69.1950, -74.9640, 3.9480

Rectangle

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



74.0460, 48.2260, 40.1140



74.3480, 60.7940, 10.5700



65.0330, -49.4660, -28.6500



71.6280, -69.4140, -8.5340

Sweetspot

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



74.0460, 48.2260, 40.1140



160.6640, 19.1620, 16.1700



63.9850, -2.5300, 45.8700



77.2560, 11.3230, 9.5550



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



74.0460, 48.2260, 40.1140



78.0040, 75.5480, 62.5880



67.8900, 65.5600, 23.3200



66.5490, 2.8880, 2.7280



47.8890, 59.2740, 49.1460



2.8480, 3.4840, 2.9400

Inverse Universe

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



74.0460, 48.2260, 40.1140



78.0040, 75.5480, 62.5880



112.1100, -65.5600, -23.3200



66.5490, 2.8880, 2.7280



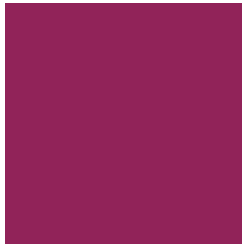
47.8890, 59.2740, 49.1460



2.8480, 3.4840, 2.9400

Previews

White Background



This preview shows how the YIQ color 74.0460, 48.2260, 40.1140 looks on a white background.

Color Contrast Check

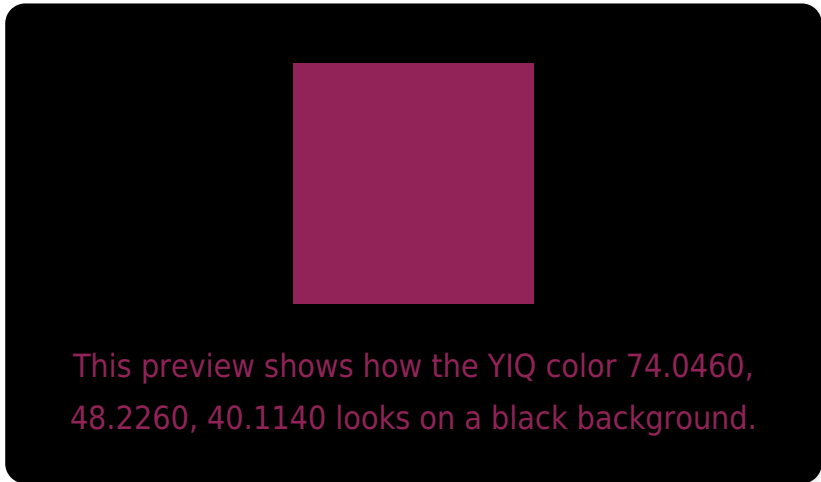
Large Text (above 18pt) WCAG AA ✓ Pass

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

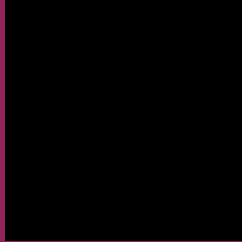
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.0460, 48.2260, 40.1140

Background



This preview shows how black text looks on a background with the YIQ color 74.0460, 48.2260, 40.1140.



This preview shows how white text looks on a background with the YIQ color 74.0460, 48.2260,

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

74.0460, 48.2260, 40.1140

Protanopia

80.7440, -19.3500, 9.2740

Deuteranopia

81.5600, 4.3550, 3.6750



Tritanopia

75.0460, 56.2530, 21.2850

Trichromacy



Original Color

74.0460, 48.2260, 40.1140

Protanomaly

78.4700, 5.2690, 20.1570

Deuteranomaly

78.6750, 20.6290, 17.1170

Tritanomaly

74.7070, 53.1340, 28.2540

Monochromacy



Original Color

74.0460, 48.2260, 40.1140

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

74.1260, 17.7410, 14.3890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.0460, 48.2260, 40.1140 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(145, 35, 89)` looks like.

```
.text, #text, p{  
    color:rgb(145, 35, 89)  
}
```

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(145, 35, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 35, 89) }
```

Border

The CSS property to change the border of an element to YIQ 74.0460, 48.2260, 40.1140 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(145, 35, 89) }
```


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

```
.border{ border-color:rgb(145, 35, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 35, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 35, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 35, 89);  
box-shadow:4px 4px 4px 4px rgb(145, 35,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 74.0460, 48.2260, 40.1140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 35, 89) }
```

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

```
.background{ background-color: rgb(145, 35,  
89) }
```

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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