

Converting Colors

YIQ(76.2060, 42.2640, 49.0480)

Have a look what the booklet for
YIQ(76.2060, 42.2640, 49.0480)
contains.

YIQ(76.2060, 42.2640, 49.0480)	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(76.2060, 42.2640,
49.0480)**

Conversions

Conversions Part 1

Format	Color
Hex	932171
RGB	147, 33, 113
RGB Percent	58%, 13%, 44%
CMY	0.4232, 0.8707, 0.5568
CMYK	0.00, 0.78, 0.23, 0.42
HSL	318°, 63%, 35%
HSV	318°, 78%, 58%
XYZ	15.5720, 8.4885, 16.4485
YIQ	76.2060, 42.2640, 49.0480

Conversions

Conversions Part 2

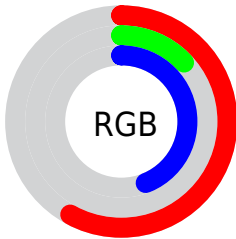
Format	Color
R_{YB}	147, 33, 113
Decimal	9642353
CIE _{Lab}	34.98, 53.85, -18.62
CIE _{LCh}	35, 56.979, 340.926
Yxy	8.4885, 0.3844, 0.2095
Android (android.graphics.Color)	4287832433 (0xFF932171)
YUV	76.2060, 18.1394, 62.0863
Hunter-Lab	29.1351, 44.4174, -13.0781

Details

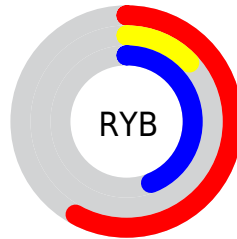
The YIQ color **76.2060, 42.2640, 49.0480** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **103.7940, -42.2640, -49.0480**, and the grayscale version is **76.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **132.6360, 43.8690, 47.4930**, and **34.9180, 33.9670, 39.7190** is the 20% darker color. If you saturate the color by 10%, you get **66.9450, 47.6730, 55.6490**, and if you desaturate by 10%, it is **85.4670, 36.8550, 42.4470**.

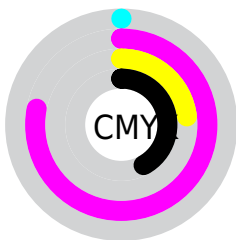
Distribution



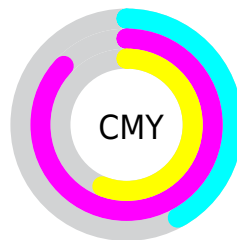
- Red (58%)
- Green (13%)
- Blue (44%)



- Red (58%)
- Yellow (13%)
- Blue (44%)



- Cyan (0%)
- Magenta (78%)
- Yellow (23%)
- Black (42%)





- Cyan (42%)
- Magenta (87%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 76.2060, 42.2640, 49.0480 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 76.2060, 42.2640, 49.0480 by changing the saturation by 10% instead.


 76.2060, 42.2640,
49.0480


 76.2060, 42.2640,
49.0480


255.0000, -0.0000,
-0.0000


 45.6130, 42.6760,
52.5960


 132.6360, 43.8690,
47.4930


 34.9180, 33.9670,
39.7190

 160.5330, 45.6570,
48.1290


 24.6360, 25.5330,
27.3650

 186.4400, 41.4850,
46.6450

 14.7670, 17.3740,
15.5340

 206.1820, 24.4760,
41.0200

 0.0000, 0.0000,
0.0000

 223.3020, 14.8500,
28.2420

 240.3250, 6.8750,

13.0750

■ 76.2060, 42.2640,
49.0480

■ 76.2060, 42.2640,
49.0480

■ 66.9450, 47.6730,
55.6490

■ 85.4670, 36.8550,
42.4470

■ 58.1570, 53.1280,
61.4160

■ 94.2550, 31.4000,
36.6800

■ 55.6950, 54.5490,
63.1970

■ 103.5160, 25.9910,
30.0790

■ 112.8910, 20.2610,
23.7890

■ 122.1520, 14.8520,
17.1880

■ 130.8260, 9.7180,
11.1100

■ 140.2010, 3.9880,
4.8200

■ 149.4620, -1.4210,
-1.7810

■ 158.2500, -6.8760,
-7.5480

Harmonies

Analogous

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



83.9320, -4.1790, 37.2050



76.2060, 42.2640, 49.0480



68.2180, 68.3530, 44.2970

Triad

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



76.2060, 42.2640, 49.0480



76.1960, 27.6060, -26.7460



75.3610, -73.0360, -8.9720

Complementary

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



76.2060, 42.2640, 49.0480



103.7940, -42.2640, -49.0480

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.



71.0460, -59.5080, -22.8680



76.2060, 42.2640, 49.0480



64.7350, -8.2450, -43.3250

Square

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



76.2060, 42.2640, 49.0480



77.5790, 54.9290, -9.7990



64.4000, -43.5500, -36.7500



75.0310, -80.3740, 2.8740

Rectangle

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



76.2060, 42.2640, 49.0480



72.2220, 70.5570, 26.3730



64.4000, -43.5500, -36.7500



74.4660, -69.1380, -13.5380

Sweetspot

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



76.2060, 42.2640, 49.0480



163.6900, 16.2730, 18.9690



55.5640, -17.5220, 42.2380



80.2390, 9.9930, 11.6330



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



76.2060, 42.2640, 49.0480



80.4720, 65.9630, 76.6110



69.9360, 59.9190, 31.9430



69.6630, 2.5670, 3.0390



52.3200, 51.1110, 59.4230



3.7880, 3.7130, 4.2970

Inverse Universe

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



76.2060, 42.2640, 49.0480



80.4720, 65.9630, 76.6110



110.0640, -59.9190, -31.9430



69.6630, 2.5670, 3.0390



52.3200, 51.1110, 59.4230



3.7880, 3.7130, 4.2970

Previews

White Background



This preview shows how the YIQ color 76.2060, 42.2640, 49.0480 looks on a white background.

Color Contrast Check

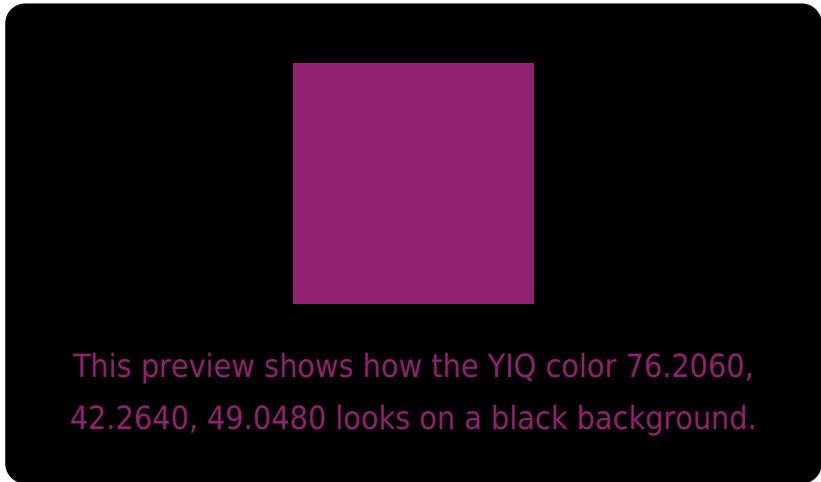
Large Text (above 18pt) WCAG AA ✓ Pass

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

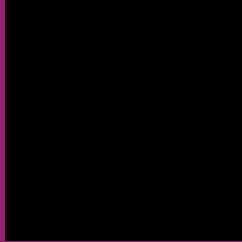
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.2060, 42.2640, 49.0480

Background



This preview shows how black text looks on a background with the YIQ color 76.2060, 42.2640, 49.0480.



This preview shows how white text looks on a background with the YIQ color 76.2060, 42.2640,

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

76.2060, 42.2640, 49.0480

Protanopia

79.7110, -40.9460, 15.1980

Deuteranopia

84.2520, -9.2170, 7.3510



Tritanopia

79.3660, 52.3560, 20.3240

Trichromacy



Original Color

76.2060, 42.2640, 49.0480

Protanomaly

78.6010, -10.9170, 27.1550

Deuteranomaly

81.0900, 9.3950, 22.4750

Tritanomaly

78.2490, 48.7320, 30.9400

Monochromacy



Original Color

76.2060, 42.2640, 49.0480

Achromatopsia

76.0000, -0.0000, -0.0000

Achromatomaly

75.8640, 15.7230, 17.9230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.2060, 42.2640, 49.0480 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(147, 33, 113)` looks like.

```
.text, #text, p{  
    color:rgb(147, 33, 113)  
}
```

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(147, 33, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 33, 113) }
```

Border

The CSS property to change the border of an element to YIQ 76.2060, 42.2640, 49.0480 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(147, 33, 113) }
```


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

```
.border{ border-color:rgb(147, 33, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 33, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 33, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 33, 113);  
box-shadow:4px 4px 4px 4px rgb(147, 33,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 76.2060, 42.2640, 49.0480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 33, 113) }
```

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

```
.background{ background-color: rgb(147, 33,  
113) }
```

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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