

Converting Colors

YIQ(73.4840, 57.6620, 89.3900)

Have a look what the booklet for
YIQ(73.4840, 57.6620, 89.3900)
contains.

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Color

**YIQ(73.4840, 57.6620,
89.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	B800A2
RGB	184, 0, 162
RGB Percent	72%, 0%, 64%
CMY	0.2779, 0.9999, 0.3646
CMYK	0.00, 1.00, 0.12, 0.28
HSL	307°, 100%, 36%
HSV	307°, 100%, 72%
XYZ	26.3240, 12.8169, 35.2812
YIQ	73.4840, 57.6620, 89.3900

Conversions

Conversions Part 2

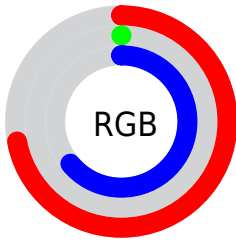
Format	Color
RYB	184, 0, 162
Decimal	12058786
CIELab	42.49, 73.82, -36.53
CIELCh	42, 82.367, 333.671
Yxy	12.8169, 0.3537, 0.1722
Android (android.graphics.Color)	4290248866 (0xFFB800A2)
YUV	73.4840, 43.6384, 96.9225
Hunter-Lab	35.8007, 68.5987, -33.3692

Details

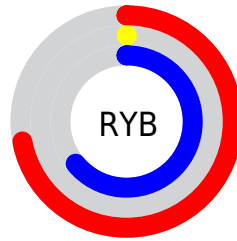
The YIQ color **73.4840, 57.6620, 89.3900** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **110.5160, -57.6620, -89.3900**, and the grayscale version is **73.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.1760, 52.1170, 74.2370**, and **50.2140, 39.7860, 60.9220** is the 20% darker color. If you saturate the color by 10%, you get **73.4840, 57.6620, 89.3900**, and if you desaturate by 10%, it is **84.2780, 52.0700, 80.5980**.

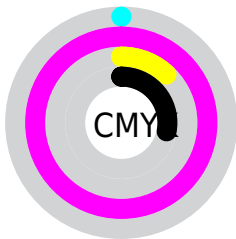
Distribution



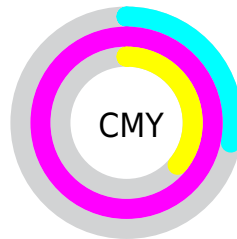
- Red (72%)
- Green (0%)
- Blue (64%)



- Red (72%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (12%)
- Black (28%)



- Cyan (28%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 73.4840, 57.6620, 89.3900 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 73.4840, 57.6620, 89.3900 by changing the saturation by 10% instead.

73.4840, 57.6620,
89.3900

73.4840, 57.6620,
89.3900

255.0000, -0.0000,
-0.0000

61.7350, 49.0450,
74.8450

148.1760, 52.1170,
74.2370

50.2140, 39.7860,
60.9220

172.3810, 41.1140,
69.8980

38.9920, 31.1230,
47.2110

191.0170, 29.9750,
57.0070

28.1830, 22.7350,
34.0230

208.0400, 22.0000,
41.8400

17.3030, 13.1090,
21.2450

225.0630, 14.0250,
26.6730

2.2970, -5.0900,
4.1420

242.6730, 5.7750,

0.0000, 0.0000,

10.9830

0.0000

■ 73.4840, 57.6620,
89.3900

■ 84.2780, 52.0700,
80.5980

■ 95.6590, 46.2030,
71.2830

■ 106.5670, 40.2900,
62.8020

■ 117.9480, 34.4230,
53.4870

■ 128.7420, 28.8310,
44.6950

■ 140.1230, 22.9640,
35.3800

■ 151.0310, 17.0510,
26.8990

■ 161.8250, 11.4590,
18.1070

■ 173.2060, 5.5920,
8.7920

Harmonies

Analogous

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



99.4240, -31.5070, 47.8930



73.4840, 57.6620, 89.3900



74.5170, 96.4530, 74.7010

Triad

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



73.4840, 57.6620, 89.3900



93.9710, 41.3610, -28.2310



94.4990, -91.1000, -11.9960

Complementary

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



73.4840, 57.6620, 89.3900



110.5160, -57.6620, -89.3900

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.



86.7470, -69.2720, -33.1440



73.4840, 57.6620, 89.3900



79.1550, -9.8480, -52.8240

Square

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



73.4840, 57.6620, 89.3900



92.2080, 81.1990, -1.3050



76.4360, -44.3720, -54.9000



97.7370, -105.7290, 5.3350

Rectangle

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



73.4840, 57.6620, 89.3900



68.6040, 108.7890, 60.3810



76.4360, -44.3720, -54.9000



92.1050, -84.3590, -18.5270

Sweetspot

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



73.4840, 57.6620, 89.3900



196.7100, 22.6890, 34.8570



27.5540, -45.9520, 61.8880



94.1890, 13.4300, 20.9340



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



73.4840, 57.6620, 89.3900



95.8140, 75.3090, 116.5010



63.1100, 86.8730, 61.0890



86.6030, 2.7960, 4.3960



62.2620, 48.9990, 75.6790



11.2220, 8.6630, 13.7110

Inverse Universe

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



73.4840, 57.6620, 89.3900



95.8140, 75.3090, 116.5010



121.0040, -87.1940, -60.7780



86.6030, 2.7960, 4.3960



62.2620, 48.9990, 75.6790



11.2220, 8.6630, 13.7110

Previews

White Background



This preview shows how the YIQ color 73.4840, 57.6620, 89.3900 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

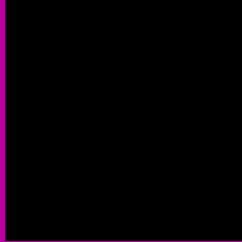
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 73.4840, 57.6620, 89.3900

Background



This preview shows how black text looks on a background with the YIQ color 73.4840, 57.6620, 89.3900.



This preview shows how white text looks on a background with the YIQ color 73.4840, 57.6620,

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

73.4840, 57.6620, 89.3900

Protanopia

82.0530, -94.6350, 13.5330

Deuteranopia

101.4210, -28.5660, 11.0980



Tritanopia

97.6450, 64.8720, 24.7760

Trichromacy



Original Color

73.4840, 57.6620, 89.3900



Protanomaly

79.0160, -39.3460, 41.2780



Deuteranomaly

91.5200, 2.9730, 39.7490



Tritanomaly

88.9170, 62.0710, 48.0150

Monochromacy



Original Color

73.4840, 57.6620, 89.3900



Achromatopsia

74.0000, -0.0000, 0.0000



Achromatomaly

73.7590, 20.9930, 32.5530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 73.4840, 57.6620, 89.3900 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(184, 0, 162)` looks like.

```
.text, #text, p{  
    color:rgb(184, 0, 162)  
}
```

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(184, 0, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 0, 162) }
```

Border

The CSS property to change the border of an element to YIQ 73.4840, 57.6620, 89.3900 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(184, 0, 162) }
```


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

```
.border{ border-color:rgb(184, 0, 162) }
```

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

Here you see how a box with a 4 pixel rgb(184, 0, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 0, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 0, 162);  
box-shadow:4px 4px 4px 4px rgb(184, 0,  
162) }
```

Background

The CSS property to change the background color of an element to YIQ 73.4840, 57.6620, 89.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 0, 162) }
```

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

```
.background{ background-color: rgb(184, 0,  
162) }
```

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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