

Converting Colors

YIQ(88.7000, 38.9580, 75.9340)

Have a look what the booklet for
YIQ(88.7000, 38.9580, 75.9340)
contains.

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Color

**YIQ(88.7000, 38.9580,
75.9340)**

Conversions

Conversions Part 1

Format	Color
Hex	AD1DAF
RGB	173, 29, 175
RGB Percent	68%, 11%, 69%
CMY	0.3211, 0.8865, 0.3137
CMYK	0.01, 0.83, 0.00, 0.31
HSL	299°, 72%, 40%
HSV	299°, 83%, 69%
XYZ	25.4348, 12.8682, 41.7061
YIQ	88.7000, 38.9580, 75.9340

Conversions

Conversions Part 2

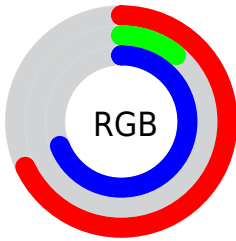
Format	Color
R_{YB}	173, 29, 175
Decimal	11345327
CIE _{Lab}	42.56, 69.78, -44.28
CIE _{LCh}	43, 82.637, 327.603
Yxy	12.8682, 0.3179, 0.1608
Android (android.graphics.Color)	4289535407 (0xFFAD1DAF)
YUV	88.7000, 42.5459, 73.9311
Hunter-Lab	35.8723, 63.7870, -43.8217

Details

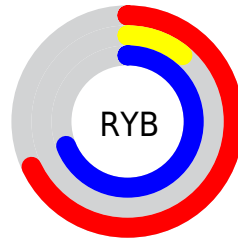
The YIQ color **88.7000, 38.9580, 75.9340** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **115.3000, -38.9580, -75.9340**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.4670, 37.9960, 71.3400**, and **48.5920, 29.9740, 62.5340** is the 20% darker color. If you saturate the color by 10%, you get **78.1340, 43.9080, 85.3480**, and if you desaturate by 10%, it is **98.6790, 34.2830, 67.0430**.

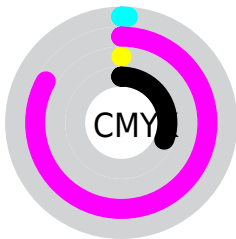
Distribution



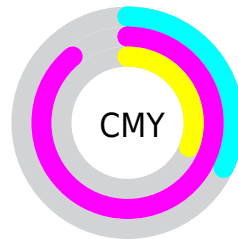
- Red (68%)
- Green (11%)
- Blue (69%)



- Red (68%)
- Yellow (11%)
- Blue (69%)



- Cyan (1%)
- Magenta (83%)
- Yellow (0%)
- Black (31%)



- Cyan (32%)
- Magenta (89%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 88.7000, 38.9580, 75.9340 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 88.7000, 38.9580, 75.9340 by changing the saturation by 10% instead.

88.7000, 38.9580,
75.9340

88.7000, 38.9580,
75.9340

255.0000, -0.0000,
-0.0000

59.9280, 38.3160,
76.5560

151.4670, 37.9960,
71.3400

48.5920, 29.9740,
62.5340

178.1030, 36.0250,
68.5130

37.2560, 21.6320,
48.5120

194.5390, 28.3250,
53.8690

26.7460, 13.8400,
35.5360

211.5620, 20.3500,
38.7020

15.6380, 4.8560,
22.1360

228.5850, 12.3750,
23.5350

3.5510, -8.6210,
7.5630

246.1950, 4.1250,

0.0000, 0.0000,

7.8450

0.0000

■ 88.7000, 38.9580,
75.9340

■ 88.7000, 38.9580,
75.9340

■ 78.1340, 43.9080,
85.3480

■ 98.6790, 34.2830,
67.0430

■ 71.6770, 46.9330,
91.1010

■ 109.5440, 29.9290,
57.8410

■ 119.5230, 25.2540,
48.9500

■ 130.0890, 20.3040,
39.5360

■ 140.0680, 15.6290,
30.6450

■ 150.6340, 10.6790,
21.2310

■ 160.9120, 6.6000,
12.5520

■ 171.4780, 1.6500,
3.1380

■ 181.4570, -3.0250,
-5.7530

Harmonies

Analogous

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



93.9690, -58.3270, 38.3530



88.7000, 38.9580, 75.9340



75.5150, 90.7670, 78.6310

Triad

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



88.7000, 38.9580, 75.9340



94.6240, 49.8880, -23.0720



93.7180, -87.5230, -16.2510

Complementary

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



88.7000, 38.9580, 75.9340



115.3000, -38.9580, -75.9340

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.



85.1510, -64.7780, -37.4980



88.7000, 38.9580, 75.9340



84.5590, 3.8140, -47.1140

Square

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



88.7000, 38.9580, 75.9340



90.2030, 88.7630, 4.7870



73.1130, -36.3930, -61.8410



97.5260, -103.7570, 2.6350

Rectangle

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



88.7000, 38.9580, 75.9340



71.0970, 106.0830, 65.3710



73.1130, -36.3930, -61.8410



91.0960, -80.1400, -23.4040

Sweetspot

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



88.7000, 38.9580, 75.9340



193.2420, 15.0790, 29.5990



46.8180, -47.4160, 44.3600



94.1560, 9.0290, 18.0930



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



88.7000, 38.9580, 75.9340



92.8540, 60.6370, 118.0850



81.2040, 62.9410, 54.2770



81.7170, 2.4750, 4.7070



61.3520, 40.0580, 78.0260



9.4990, 6.3250, 12.0290

Inverse Universe

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



72.8820, 86.3740, 31.5740



68.2150, 134.3290, 49.0570



122.7960, -62.9410, -54.2770



80.6910, 5.3640, 1.9080



45.0780, 88.7580, 32.4220



6.8770, 13.7080, 4.8760

Previews

White Background



This preview shows how the YIQ color 88.7000, 38.9580, 75.9340 looks on a white background.

Color Contrast Check

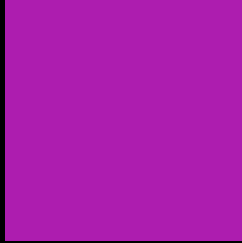
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 88.7000, 38.9580, 75.9340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

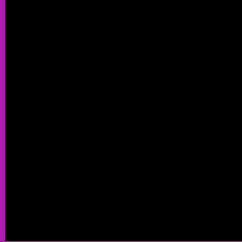
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 88.7000, 38.9580, 75.9340

Background



This preview shows how black text looks on a background with the YIQ color 88.7000, 38.9580, 75.9340.



This preview shows how white text looks on a background with the YIQ color 88.7000, 38.9580,

75.9340.

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

88.7000, 38.9580, 75.9340

Protanopia

81.2380, -93.7180, 13.4340

Deuteranopia

97.5210, -43.4670, 11.3250



Tritanopia

100.0670, 51.7600, 20.1120

Trichromacy



Original Color

88.7000, 38.9580, 75.9340



Protanomaly

84.0320, -45.4430, 36.1330



Deuteranomaly

94.0880, -13.4860, 35.1700



Tritanomaly

95.9750, 46.9880, 40.5240

Monochromacy



Original Color

88.7000, 38.9580, 75.9340



Achromatopsia

89.0000, -0.0000, -0.0000



Achromatomaly

88.8890, 14.5750, 27.7190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 88.7000, 38.9580, 75.9340 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(173, 29, 175)` looks like.

```
.text, #text, p{  
    color:rgb(173, 29, 175)  
}
```

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(173, 29, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 29, 175) }
```

Border

The CSS property to change the border of an element to YIQ 88.7000, 38.9580, 75.9340 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(173, 29, 175) }
```


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

```
.border{ border-color:rgb(173, 29, 175) }
```

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

Here you see how a box with a 4 pixel rgb(173, 29, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 29, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 29, 175);  
box-shadow:4px 4px 4px 4px rgb(173, 29,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 88.7000, 38.9580, 75.9340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 29, 175) }
```

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

```
.background{ background-color: rgb(173, 29,  
175) }
```

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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