

Converting Colors

YIQ(84.8670, 38.0040, 27.1240)

Have a look what the booklet for
YIQ(84.8670, 38.0040, 27.1240)
contains.

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Color

**YIQ(84.8670, 38.0040,
27.1240)**

Conversions

Conversions Part 1

Format	Color
Hex	8A3959
RGB	138, 57, 89
RGB Percent	54%, 22%, 35%
CMY	0.4586, 0.7766, 0.6509
CMYK	0.00, 0.59, 0.36, 0.46
HSL	336°, 42%, 38%
HSV	336°, 59%, 54%
XYZ	13.7562, 9.0526, 10.4806
YIQ	84.8670, 38.0040, 27.1240

Conversions

Conversions Part 2

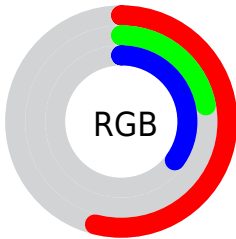
Format	Color
R_{YB}	138, 57, 89
Decimal	9058649
CIE _{Lab}	36.09, 38.01, -1.86
CIE _{LCh}	36, 38.056, 357.205
Yxy	9.0526, 0.4132, 0.2719
Android (android.graphics.Color)	4287248729 (0xFF8A3959)
YUV	84.8670, 2.0376, 46.5976
Hunter-Lab	30.0876, 28.9579, 0.4085

Details

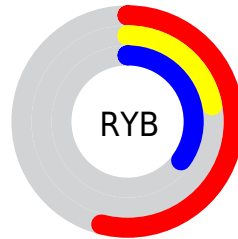
The YIQ color **84.8670, 38.0040, 27.1240** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **110.1330, -38.0040, -27.1240**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2480, 41.3050, 27.8730**, and **30.7190, 35.6650, 30.9690** is the 20% darker color. If you saturate the color by 10%, you get **75.7370, 44.4220, 31.9580**, and if you desaturate by 10%, it is **93.9970, 31.5860, 22.2900**.

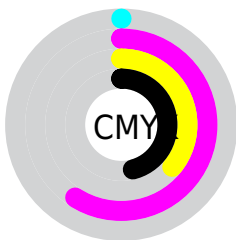
Distribution



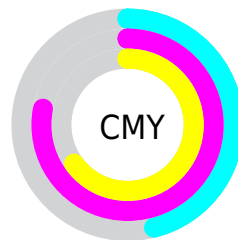
- Red (54%)
- Green (22%)
- Blue (35%)



- Red (54%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (59%)
- Yellow (36%)
- Black (46%)



- Cyan (46%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.8670, 38.0040, 27.1240 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 84.8670, 38.0040, 27.1240 by changing the saturation by 10% instead.

84.8670, 38.0040,
27.1240

84.8670, 38.0040,
27.1240

255.0000, -0.0000,
-0.0000

59.4970, 36.1700,
27.3220

137.2480, 41.3050,
27.8730

31.0180, 36.2610,
31.1810

164.1450, 43.0930,
28.5090

20.2630, 27.7810,
19.6610

191.7430, 44.2850,
28.9330

10.5790, 20.5390,
7.7310

211.6810, 29.6600,
24.1560

0.0000, 0.0000,
0.0000

232.0100, 12.3760,
18.0080

249.7170, 2.4750,

4.7070

■ 84.8670, 38.0040,
27.1240

■ 84.8670, 38.0040,
27.1240

■ 75.7370, 44.4220,
31.9580

■ 93.9970, 31.5860,
22.2900

■ 66.4930, 51.1610,
36.4810

■ 103.2410, 24.8470,
17.7670

■ 57.9500, 57.3040,
40.7920

■ 111.7840, 18.7040,
13.4560

■ 48.8200, 63.7220,
45.6260

■ 120.9140, 12.2860,
8.6220

■ 47.5320, 64.5930,
46.3610

■ 130.1580, 5.5470,
4.0990

■ 139.2880, -0.8710,
-0.7350

■ 148.4180, -7.2890,
-5.5690

■ 157.0750,
-13.7530, -9.5690

■ 166.2050,
-20.1710, -14.4030

Harmonies

Analogous

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



87.1880, 15.1710, 27.9310



84.8670, 38.0040, 27.1240



83.5070, 47.4050, 16.4370

Triad

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



84.8670, 38.0040, 27.1240



78.5070, 10.7330, -23.8190



71.8560, -70.0560, -7.9120

Complementary

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



84.8670, 38.0040, 27.1240



110.1330, -38.0040, -27.1240

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.



70.8810, -63.1770, -16.9450



84.8670, 38.0040, 27.1240



72.2070, -23.6530, -28.3970

Square

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



84.8670, 38.0040, 27.1240



81.3960, 33.3350, -14.9290



67.3470, -53.2260, -26.5860



68.8870, -71.3410, -1.1410

Rectangle

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



84.8670, 38.0040, 27.1240



83.4710, 47.0860, 5.6940



67.3470, -53.2260, -26.5860



72.2320, -68.3590, -11.1350

Sweetspot

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



84.8670, 38.0040, 27.1240



157.3490, 15.4950, 11.0390



80.8850, 3.2030, 35.5790



76.4790, 9.0770, 6.2050



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



84.8670, 38.0040, 27.1240



96.9610, 58.7710, 41.7390



85.9150, 46.0760, 12.9880



64.4350, 3.2090, 2.4170



45.6950, 62.5760, 44.3680



1.7230, 2.3380, 1.6820

Inverse Universe

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



84.8670, 38.0040, 27.1240



96.9610, 58.7710, 41.7390



109.0850, -46.0760, -12.9880



64.4350, 3.2090, 2.4170



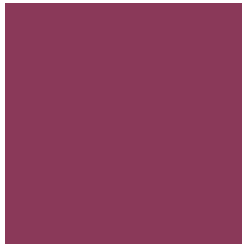
45.6950, 62.5760, 44.3680



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 84.8670, 38.0040, 27.1240 looks on a white background.

Color Contrast Check

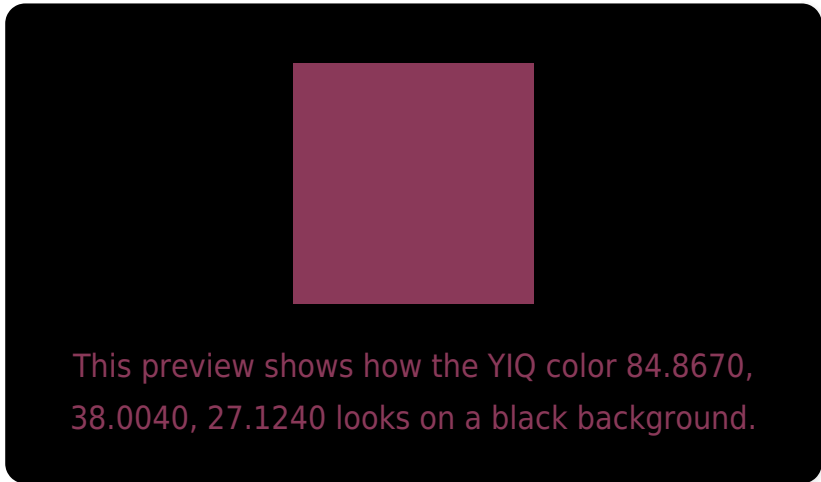
Large Text (above 18pt) WCAG AA ✓ Pass

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

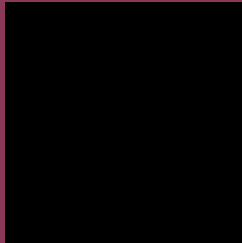
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.8670, 38.0040, 27.1240

Background



This preview shows how black text looks on a background with the YIQ color 84.8670, 38.0040, 27.1240.



This preview shows how white text looks on a background with the YIQ color 84.8670, 38.0040,

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

84.8670, 38.0040, 27.1240

Protanopia

86.0130, -10.0420, 5.7820

Deuteranopia

86.5170, 5.9140, 2.9540



Tritanopia

84.5820, 42.8200, 16.9320

Trichromacy



Original Color

84.8670, 38.0040, 27.1240

Protanomaly

85.6240, 7.4710, 13.2870

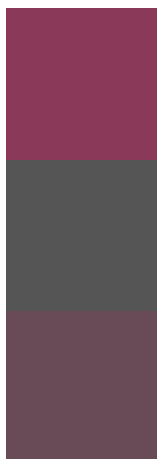
Deuteranomaly

86.1320, 17.6040, 11.3640

Tritanomaly

84.6190, 41.3980, 20.6780

Monochromacy



Original Color

84.8670, 38.0040, 27.1240

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

84.9250, 13.7530, 9.5690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.8670, 38.0040, 27.1240 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(138, 57, 89)` looks like.

```
.text, #text, p{  
    color:rgb(138, 57, 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(138, 57, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 57, 89) }
```

Border

The CSS property to change the border of an element to YIQ 84.8670, 38.0040, 27.1240 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(138, 57, 89) }
```


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

```
.border{ border-color:rgb(138, 57, 89) }
```

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

Here you see how a box with a 4 pixel rgb(138, 57, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 57, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 57, 89);  
box-shadow:4px 4px 4px 4px rgb(138, 57,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 84.8670, 38.0040, 27.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 57, 89) }
```

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

```
.background{ background-color: rgb(138, 57,  
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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