

Converting Colors

YIQ(82.5850, 38.7380, 24.8340)

Have a look what the booklet for
YIQ(82.5850, 38.7380, 24.8340)
contains.

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Color

**YIQ(82.5850, 38.7380,
24.8340)**

Conversions

Conversions Part 1

Format	Color
Hex	873852
RGB	135, 56, 82
RGB Percent	53%, 22%, 32%
CMY	0.4704, 0.7805, 0.6783
CMYK	0.00, 0.59, 0.39, 0.47
HSL	340°, 41%, 37%
HSV	340°, 59%, 53%
XYZ	12.9369, 8.5901, 8.9656
YIQ	82.5850, 38.7380, 24.8340

Conversions

Conversions Part 2

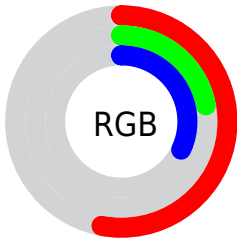
Format	Color
R_{YB}	135, 56, 82
Decimal	8861778
CIE _{Lab}	35.18, 36.58, 1.24
CIE _{LCh}	35, 36.603, 1.935
Yxy	8.5901, 0.4243, 0.2817
Android (android.graphics.Color)	4287051858 (0xFF873852)
YUV	82.5850, -0.2884, 45.9680
Hunter-Lab	29.3088, 27.4995, 2.3792

Details

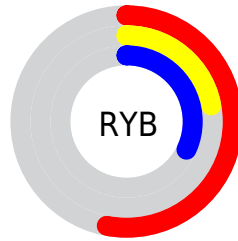
The YIQ color **82.5850, 38.7380, 24.8340** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **108.4150, -38.7380, -24.8340**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2650, 42.6350, 25.7950**, and **29.4370, 36.3990, 28.6790** is the 20% darker color. If you saturate the color by 10%, you get **73.3410, 45.4770, 29.3570**, and if you desaturate by 10%, it is **91.2420, 32.2740, 20.8340**.

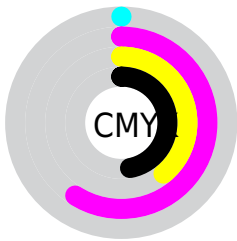
Distribution



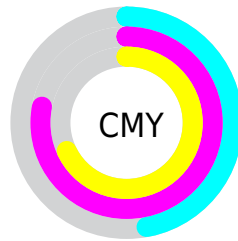
- Red (53%)
- Green (22%)
- Blue (32%)



- Red (53%)
- Yellow (22%)
- Blue (32%)



- Cyan (0%)
- Magenta (59%)
- Yellow (39%)
- Black (47%)



- Cyan (47%)
- Magenta (78%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.5850, 38.7380, 24.8340 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 82.5850, 38.7380, 24.8340 by changing the saturation by 10% instead.

82.5850, 38.7380,
24.8340

82.5850, 38.7380,
24.8340

255.0000, -0.0000,
-0.0000

57.2150, 36.9040,
25.0320

134.2650, 42.6350,
25.7950

29.4370, 36.3990,
28.6790

161.7490, 44.1480,
25.9080

18.6820, 27.9190,
17.1590

188.7600, 45.6150,
26.8550

8.7850, 16.9630,
6.4590

210.1820, 32.5030,
22.1910

0.0000, 0.0000,
0.0000

229.8100, 15.8150,
16.2550

248.5430, 3.0250,

5.7530

■ 82.5850, 38.7380,
24.8340

■ 82.5850, 38.7380,
24.8340

■ 73.3410, 45.4770,
29.3570

■ 91.2420, 32.2740,
20.8340

■ 64.6840, 51.9410,
33.3570

■ 100.4860, 25.5350,
16.3110

■ 55.4400, 58.6800,
37.8800

■ 109.1430, 19.0710,
12.3110

■ 46.7830, 65.1440,
41.8800

■ 118.3870, 12.3320,
7.7880

■ 45.4950, 66.0150,
42.6150

■ 127.0440, 5.8680,
3.7880

■ 136.2880, -0.8710,
-0.7350

■ 145.5320, -7.6100,
-5.2580

■ 154.1890,
-14.0740, -9.2580

■ 163.5470,
-21.1340, -13.4700

Harmonies

Analogous

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



84.9280, 18.8390, 27.5350



82.5850, 38.7380, 24.8340



81.4420, 46.0300, 13.8220

Triad

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



82.5850, 38.7380, 24.8340



76.2830, 5.5520, -23.5360



69.8670, -68.5890, -6.9650

Complementary

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



82.5850, 38.7380, 24.8340



108.4150, -38.7380, -24.8340

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.



69.2340, -62.6730, -15.0650



82.5850, 38.7380, 24.8340



68.4990, -30.3470, -28.2270

Square

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



82.5850, 38.7380, 24.8340



79.4170, 28.8420, -16.1020



66.5150, -53.6390, -24.6070



70.7530, -59.1000, 2.7880

Rectangle

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



82.5850, 38.7380, 24.8340



81.2210, 44.7940, 3.1780



66.5150, -53.6390, -24.6070



69.7700, -66.9380, -9.3540

Sweetspot

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



82.5850, 38.7380, 24.8340



154.8220, 15.5410, 10.2050



80.8530, 6.2290, 35.8050



76.3650, 9.3980, 5.8940



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.



82.5850, 38.7380, 24.8340



94.3370, 60.4680, 38.5160



87.2520, 43.5090, 9.9490



62.0220, 2.9340, 1.8940



43.7720, 63.6770, 40.9330



1.0110, 1.4670, 0.9470

Inverse Universe

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



82.5850, 38.7380, 24.8340



94.3370, 60.4680, 38.5160



103.7480, -43.5090, -9.9490



62.0220, 2.9340, 1.8940



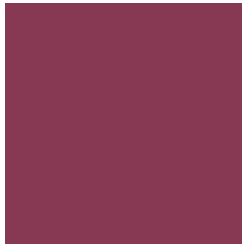
43.7720, 63.6770, 40.9330



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 82.5850, 38.7380, 24.8340 looks on a white background.

Color Contrast Check

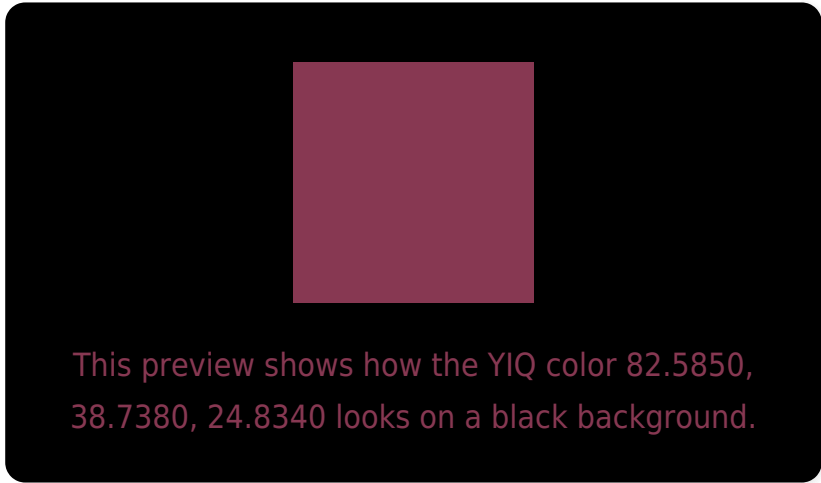
Large Text (above 18pt) WCAG AA ✓ Pass

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 82.5850, 38.7380, 24.8340

Background



This preview shows how black text looks on a background with the YIQ color 82.5850, 38.7380, 24.8340.



This preview shows how white text looks on a background with the YIQ color 82.5850, 38.7380,

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

82.5850, 38.7380, 24.8340

Protanopia

84.1120, -6.0070, 4.2410

Deuteranopia

84.5450, 8.7110, 1.8230



Tritanopia

82.5820, 42.8200, 16.9320

Trichromacy



Original Color

82.5850, 38.7380, 24.8340

Protanomaly

83.5380, 10.5890, 11.8450

Deuteranomaly

83.8610, 19.8050, 10.0210

Tritanomaly

82.7930, 40.8480, 19.6320

Monochromacy



Original Color

82.5850, 38.7380, 24.8340

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.8110, 14.0740, 9.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.5850, 38.7380, 24.8340 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(135, 56, 82)` looks like.

```
.text, #text, p{  
    color:rgb(135, 56, 82)  
}
```

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(135, 56, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 56, 82) }
```

Border

The CSS property to change the border of an element to YIQ 82.5850, 38.7380, 24.8340 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(135, 56, 82) }
```


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

```
.border{ border-color:rgb(135, 56, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 56, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 56, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 56, 82);  
box-shadow:4px 4px 4px 4px rgb(135, 56,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 82.5850, 38.7380, 24.8340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 56, 82) }
```

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

```
.background{ background-color: rgb(135, 56,  
82) }
```

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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