

Converting Colors

YIQ(82.7850, 35.2990, 26.5870)

Have a look what the booklet for
YIQ(82.7850, 35.2990, 26.5870)
contains.

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Color

**YIQ(82.7850, 35.2990,
26.5870)**

Conversions

Conversions Part 1

Format	Color
Hex	853859
RGB	133, 56, 89
RGB Percent	52%, 22%, 35%
CMY	0.4782, 0.7805, 0.6509
CMYK	0.00, 0.58, 0.33, 0.48
HSL	334°, 41%, 37%
HSV	334°, 58%, 52%
XYZ	12.8981, 8.5378, 10.4258
YIQ	82.7850, 35.2990, 26.5870

Conversions

Conversions Part 2

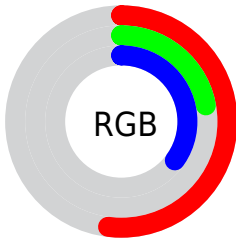
Format	Color
R_{YB}	133, 56, 89
Decimal	8730713
CIE _{Lab}	35.08, 36.77, -3.43
CIE _{LCh}	35, 36.934, 354.669
Yxy	8.5378, 0.4048, 0.2680
Android (android.graphics.Color)	4286920793 (0xFF853859)
YUV	82.7850, 3.0640, 44.0386
Hunter-Lab	29.2194, 27.6597, -0.7016

Details

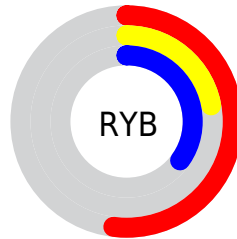
The YIQ color **82.7850, 35.2990, 26.5870** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **106.2150, -35.2990, -26.5870**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.5790, 38.8750, 27.8590**, and **30.1100, 33.0060, 29.5980** is the 20% darker color. If you saturate the color by 10%, you get **74.2420, 41.4420, 30.8980**, and if you desaturate by 10%, it is **91.3280, 29.1560, 22.2760**.

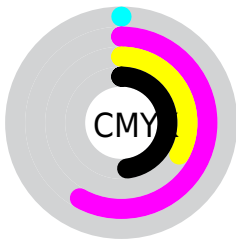
Distribution



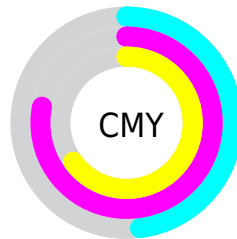
- Red (52%)
- Green (22%)
- Blue (35%)



- Red (52%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (58%)
- Yellow (33%)
- Black (48%)



- Cyan (48%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.7850, 35.2990, 26.5870 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 82.7850, 35.2990, 26.5870 by changing the saturation by 10% instead.

82.7850, 35.2990,
26.5870

82.7850, 35.2990,
26.5870

255.0000, -0.0000,
-0.0000

57.4150, 33.4650,
26.7850

134.5790, 38.8750,
27.8590

29.5230, 33.2810,
30.1210

161.1770, 40.0670,
28.2830

19.0670, 25.3970,
18.8130

189.0740, 41.8550,
28.9190

8.7850, 16.9630,
6.4590

211.0940, 29.9350,
24.6790

0.0000, 0.0000,
0.0000

230.8360, 12.9260,
19.0540

248.5430, 3.0250,

5.7530

■ 82.7850, 35.2990,
26.5870

■ 82.7850, 35.2990,
26.5870

■ 74.2420, 41.4420,
30.8980

■ 91.3280, 29.1560,
22.2760

■ 65.2260, 47.5390,
36.0430

■ 100.3440, 23.0590,
17.1310

■ 56.6830, 53.6820,
40.3540

■ 108.8870, 16.9160,
12.8200

■ 48.2540, 59.5040,
44.9760

■ 117.3160, 11.0940,
8.1980

■ 46.2650, 60.9710,
45.9230

■ 125.8590, 4.9510,
3.8870

■ 134.9890, -1.4670,
-0.9470

■ 143.4180, -7.2890,
-5.5690

■ 151.9610,
-13.4320, -9.8800

■ 160.9770,
-19.5290, -15.0250

Harmonies

Analogous

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



84.6930, 12.1910, 26.8710



82.7850, 35.2990, 26.5870



81.5500, 45.8460, 17.1580

Triad

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



82.7850, 35.2990, 26.5870



76.6320, 11.8790, -22.5610



69.9980, -67.5800, -8.7320

Complementary

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



82.7850, 35.2990, 26.5870



106.2150, -35.2990, -26.5870

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.



69.0230, -60.7010, -17.7650



82.7850, 35.2990, 26.5870



71.3000, -19.4810, -26.9130

Square

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



82.7850, 35.2990, 26.5870



79.3360, 33.5640, -13.5720



65.0160, -50.7960, -26.5720



67.1430, -69.1860, -1.6500

Rectangle

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



82.7850, 35.2990, 26.5870



80.9270, 45.8020, 6.9380



65.0160, -50.7960, -26.5720



69.7870, -65.6080, -11.4320

Sweetspot

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



82.7850, 35.2990, 26.5870



154.1530, 13.1110, 10.1910



77.9340, 1.5070, 33.2750



75.2940, 8.1600, 6.3040



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



82.7850, 35.2990, 26.5870



94.1070, 55.4240, 41.8240



81.9580, 44.5170, 13.7090



62.1360, 2.6130, 2.2050



45.2540, 59.5040, 44.9760



1.0110, 1.4670, 0.9470

Inverse Universe

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



82.7850, 35.2990, 26.5870



94.1070, 55.4240, 41.8240



107.0420, -44.5170, -13.7090



62.1360, 2.6130, 2.2050



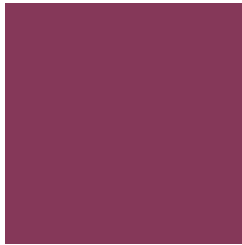
45.2540, 59.5040, 44.9760



1.0110, 1.4670, 0.9470

Previews

White Background



This preview shows how the YIQ color 82.7850, 35.2990, 26.5870 looks on a white background.

Color Contrast Check

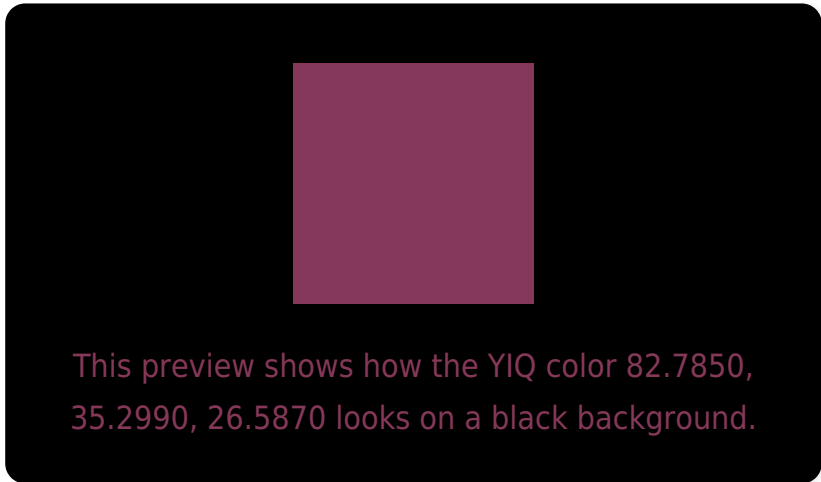
Large Text (above 18pt) WCAG AA ✓ Pass

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

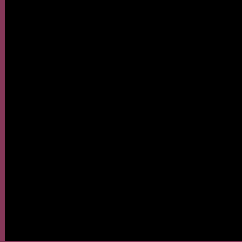
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.7850, 35.2990, 26.5870

Background



This preview shows how black text looks on a background with the YIQ color 82.7850, 35.2990, 26.5870.



This preview shows how white text looks on a background with the YIQ color 82.7850, 35.2990,

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

82.7850, 35.2990, 26.5870

Protanopia

83.2410, -10.6840, 6.4040

Deuteranopia

84.1470, 4.0800, 3.1520



Tritanopia

82.3860, 40.4360, 16.0840

Trichromacy



Original Color

82.7850, 35.2990, 26.5870

Protanomaly

83.2540, 5.6370, 13.4850

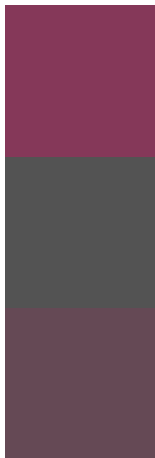
Deuteranomaly

83.7620, 15.7700, 11.5620

Tritanomaly

82.5370, 38.6930, 20.1410

Monochromacy



Original Color

82.7850, 35.2990, 26.5870

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.7400, 12.8360, 9.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.7850, 35.2990, 26.5870 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(133, 56, 89)` looks like.

```
.text, #text, p{  
    color:rgb(133, 56, 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(133, 56, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 56, 89) }
```

Border

The CSS property to change the border of an element to YIQ 82.7850, 35.2990, 26.5870 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(133, 56, 89) }
```


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

```
.border{ border-color:rgb(133, 56, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 56, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 56, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 56, 89);  
box-shadow:4px 4px 4px 4px rgb(133, 56,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 82.7850, 35.2990, 26.5870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 56, 89) }
```

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

```
.background{ background-color: rgb(133, 56,  
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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