

Converting Colors

YIQ(84.3830, 36.4910, 27.0110)

Have a look what the booklet for
YIQ(84.3830, 36.4910, 27.0110)
contains.

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Color

**YIQ(84.3830, 36.4910,
27.0110)**

Conversions

Conversions Part 1

Format	Color
Hex	88395A
RGB	136, 57, 90
RGB Percent	53%, 22%, 35%
CMY	0.4665, 0.7766, 0.6469
CMYK	0.00, 0.58, 0.34, 0.47
HSL	335°, 41%, 38%
HSV	335°, 58%, 53%
XYZ	13.4702, 8.9004, 10.6876
YIQ	84.3830, 36.4910, 27.0110

Conversions

Conversions Part 2

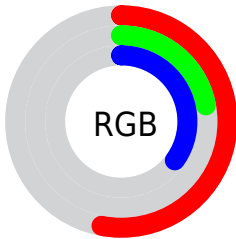
Format	Color
R_{YB}	136, 57, 90
Decimal	8927578
CIE _{Lab}	35.79, 37.44, -2.96
CIE _{LCh}	36, 37.561, 355.477
Yxy	8.9004, 0.4075, 0.2692
Android (android.graphics.Color)	4287117658 (0xFF88395A)
YUV	84.3830, 2.7692, 45.2681
Hunter-Lab	29.8335, 28.3865, -0.3568

Details

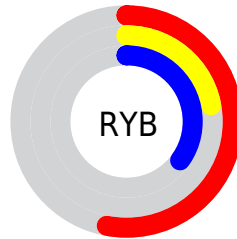
The YIQ color **84.3830, 36.4910, 27.0110** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **108.6170, -36.4910, -27.0110**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **136.7640, 39.7920, 27.7600**, and **31.1210, 34.4730, 30.5450** is the 20% darker color. If you saturate the color by 10%, you get **75.2530, 42.9090, 31.8450**, and if you desaturate by 10%, it is **93.5130, 30.0730, 22.1770**.

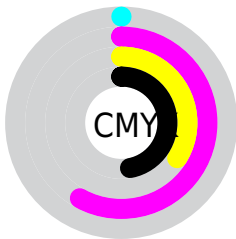
Distribution



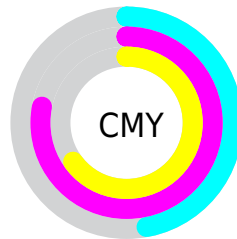
- Red (53%)
- Green (22%)
- Blue (35%)



- Red (53%)
- Yellow (22%)
- Blue (35%)



- Cyan (0%)
- Magenta (58%)
- Yellow (34%)
- Black (47%)





- Cyan (47%)
- Magenta (78%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 84.3830, 36.4910, 27.0110 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 84.3830, 36.4910, 27.0110 by changing the saturation by 10% instead.


 84.3830, 36.4910,
27.0110


 84.3830, 36.4910,
27.0110


255.0000, -0.0000,
-0.0000


 59.0130, 34.6570,
27.2090


 136.7640, 39.7920,
27.7600


 31.1210, 34.4730,
30.5450

 163.6610, 41.5800,
28.3960


 19.7790, 26.2680,
19.5480

 191.2590, 42.7720,
28.8200

 9.9810, 19.3470,
7.3070

 211.7950, 29.3390,
24.4670

 0.0000, 0.0000,
0.0000

 231.5370, 12.3300,
18.8420

 249.1300, 2.7500,

5.2300

■ 84.3830, 36.4910,
27.0110

■ 84.3830, 36.4910,
27.0110

■ 75.2530, 42.9090,
31.8450

■ 93.5130, 30.0730,
22.1770

■ 66.7100, 49.0520,
36.1560

■ 102.0560, 23.9300,
17.8660

■ 57.5800, 55.4700,
40.9900

■ 111.1860, 17.5120,
13.0320

■ 49.0370, 61.6130,
45.3010

■ 119.7290, 11.3690,
8.7210

■ 47.1620, 62.7590,
46.5590

■ 128.8590, 4.9510,
3.8870

■ 137.9890, -1.4670,
-0.9470

■ 146.4180, -7.2890,
-5.5690

■ 155.5480,
-13.7070, -10.4030

■ 164.0910,
-19.8500, -14.7140

Harmonies

Analogous

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



86.4050, 13.0620, 27.6060



84.3830, 36.4910, 27.0110



82.7350, 46.7630, 17.0590

Triad

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



84.3830, 36.4910, 27.0110



78.2190, 11.6040, -23.0840



71.5140, -69.0930, -8.8450

Complementary

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



84.3830, 36.4910, 27.0110



108.6170, -36.4910, -27.0110

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.



70.5390, -62.2140, -17.8780



84.3830, 36.4910, 27.0110



72.2890, -20.9480, -27.8600

Square

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



84.3830, 36.4910, 27.0110



80.9230, 33.2890, -14.0950



66.4180, -51.9880, -26.9960



68.6590, -70.6990, -1.7630

Rectangle

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



84.3830, 36.4910, 27.0110



82.9980, 47.0400, 6.5280



66.4180, -51.9880, -26.9960



71.3030, -67.1210, -11.5450

Sweetspot

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



84.3830, 36.4910, 27.0110



156.4520, 13.7070, 10.4030



79.4610, 1.4610, 34.1090



77.2940, 8.1600, 6.3040



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.



84.3830, 36.4910, 27.0110



95.5910, 56.9370, 41.9370



83.5560, 45.7090, 14.1330



64.4350, 3.2090, 2.4170



46.0370, 61.6130, 45.3010



1.7230, 2.3380, 1.6820

Inverse Universe

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



84.3830, 36.4910, 27.0110



95.5910, 56.9370, 41.9370



109.4440, -45.7090, -14.1330



64.4350, 3.2090, 2.4170



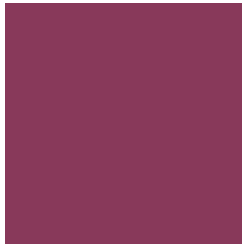
46.0370, 61.6130, 45.3010



1.7230, 2.3380, 1.6820

Previews

White Background



This preview shows how the YIQ color 84.3830, 36.4910, 27.0110 looks on a white background.

Color Contrast Check

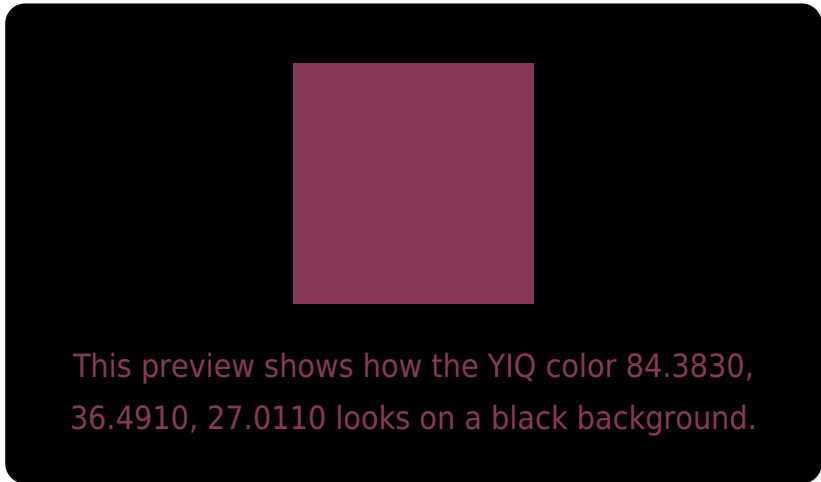
Large Text (above 18pt) WCAG AA ✓ Pass

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

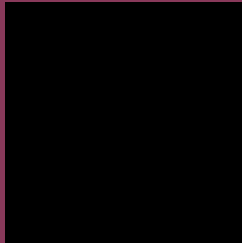
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.3830, 36.4910, 27.0110

Background



This preview shows how black text looks on a background with the YIQ color 84.3830, 36.4910, 27.0110.



This preview shows how white text looks on a background with the YIQ color 84.3830, 36.4910,

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

84.3830, 36.4910, 27.0110

Protanopia

85.1270, -10.3630, 6.0930

Deuteranopia

85.7450, 5.2720, 3.5760



Tritanopia

83.9840, 41.6280, 16.5080

Trichromacy



Original Color

84.3830, 36.4910, 27.0110

Protanomaly

84.8520, 6.8290, 13.9090

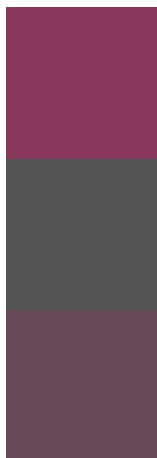
Deuteranomaly

85.3600, 16.9620, 11.9860

Tritanomaly

84.1350, 39.8850, 20.5650

Monochromacy



Original Color

84.3830, 36.4910, 27.0110

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.0390, 13.4320, 9.8800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.3830, 36.4910, 27.0110 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(136, 57, 90)` looks like.

```
.text, #text, p{  
    color:rgb(136, 57, 90)  
}
```

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(136, 57, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 57, 90) }
```

Border

The CSS property to change the border of an element to YIQ 84.3830, 36.4910, 27.0110 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(136, 57, 90) }
```


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

```
.border{ border-color:rgb(136, 57, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 57, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 57, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 57, 90);  
box-shadow:4px 4px 4px 4px rgb(136, 57,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 84.3830, 36.4910, 27.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 57, 90) }
```

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

```
.background{ background-color: rgb(136, 57,  
90) }
```

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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