

Converting Colors

YIQ(85.7430, 44.2850, 28.9330)

Have a look what the booklet for
YIQ(85.7430, 44.2850, 28.9330)
contains.

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Color

**YIQ(85.7430, 44.2850,
28.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	923756
RGB	146, 55, 86
RGB Percent	57%, 22%, 34%
CMY	0.4272, 0.7844, 0.6626
CMYK	0.00, 0.62, 0.41, 0.43
HSL	340°, 45%, 39%
HSV	340°, 62%, 57%
XYZ	14.9104, 9.5178, 9.8635
YIQ	85.7430, 44.2850, 28.9330

Conversions

Conversions Part 2

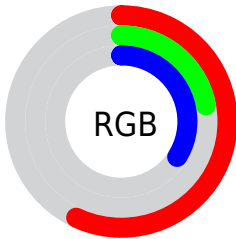
Format	Color
RYB	146, 55, 86
Decimal	9582422
CIELab	36.96, 41.38, 1.49
CIElCh	37, 41.402, 2.065
Yxy	9.5178, 0.4348, 0.2776
Android (android.graphics.Color)	4287772502 (0xFF923756)
YUV	85.7430, 0.1267, 52.8454
Hunter-Lab	30.8509, 32.2810, 2.6396

Details

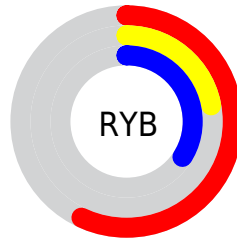
The YIQ color **85.7430, 44.2850, 28.9330** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **115.2570, -44.2850, -28.9330**, and the grayscale version is **86.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **139.0100, 47.9070, 29.3710**, and **31.8830, 41.0750, 32.0430** is the 20% darker color. If you saturate the color by 10%, you get **75.7980, 51.6200, 33.6680**, and if you desaturate by 10%, it is **95.6880, 36.9500, 24.1980**.

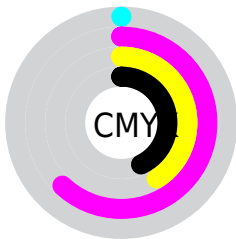
Distribution



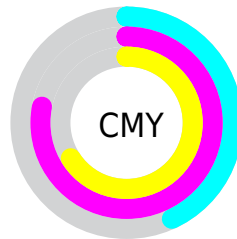
- Red (57%)
- Green (22%)
- Blue (34%)



- Red (57%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (62%)
- Yellow (41%)
- Black (43%)



- Cyan (43%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 85.7430, 44.2850, 28.9330 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 85.7430, 44.2850, 28.9330 by changing the saturation by 10% instead.

85.7430, 44.2850,
28.9330

85.7430, 44.2850,
28.9330

255.0000, -0.0000,
-0.0000

58.9000, 42.4050,
29.9650

139.0100, 47.9070,
29.3710

31.8830, 41.0750,
32.0430

165.9070, 49.6950,
30.0070

21.8290, 31.9990,
20.3110

191.7110, 47.3110,
29.1590

12.3730, 24.1150,
9.0030

211.3390, 30.6230,
23.2230

0.0000, 0.0000,
0.0000

230.9670, 13.9350,
17.2870

249.1300, 2.7500,

5.2300

■ 85.7430, 44.2850,
28.9330

■ 85.7430, 44.2850,
28.9330

■ 75.7980, 51.6200,
33.6680

■ 95.6880, 36.9500,
24.1980

■ 66.5540, 58.3590,
38.1910

■ 104.9320, 30.2110,
19.6750

■ 56.6090, 65.6940,
42.9260

■ 114.8770, 22.8760,
14.9400

■ 49.3540, 70.9660,
46.5020

■ 124.2350, 15.8160,
10.7280

■ 134.0660, 8.8020,
5.6820

■ 144.0110, 1.4670,
0.9470

■ 153.2550, -5.2720,
-3.5760

■ 163.2000,
-12.6070, -8.3110

■ 172.5580,
-19.6670, -12.5230

Harmonies

Analogous

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



89.1180, 21.3600, 31.4080



85.7430, 44.2850, 28.9330



84.7310, 52.5860, 16.1540

Triad

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



85.7430, 44.2850, 28.9330



78.9470, 6.3780, -27.4940



74.1700, -73.8160, -5.8480

Complementary

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



85.7430, 44.2850, 28.9330



115.2570, -44.2850, -28.9330

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.



73.6680, -66.8910, -15.7150



85.7430, 44.2850, 28.9330



66.9490, -40.6620, -34.0220

Square

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



85.7430, 44.2850, 28.9330



82.2340, 33.6110, -19.9330



70.4930, -56.5730, -26.5010



70.3860, -74.1840, 0.8240

Rectangle

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



85.7430, 44.2850, 28.9330



84.8580, 50.2500, 3.4180



70.4930, -56.5730, -26.5010



74.5460, -72.1190, -9.0710

Sweetspot

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



85.7430, 44.2850, 28.9330



165.1320, 17.6040, 11.3640



83.0150, 5.9530, 40.8090



80.0770, 10.2690, 6.6290



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



85.7430, 44.2850, 28.9330



94.9300, 69.2240, 45.0320



90.4270, 50.3860, 11.9700



69.3210, 3.5300, 2.1060



46.6200, 67.1610, 43.8730



3.3320, 4.9970, 3.0530

Inverse Universe

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



85.7430, 44.2850, 28.9330



94.9300, 69.2240, 45.0320



110.5730, -50.3860, -11.9700



69.3210, 3.5300, 2.1060



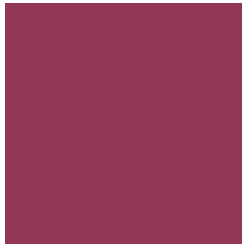
46.6200, 67.1610, 43.8730



3.3320, 4.9970, 3.0530

Previews

White Background



This preview shows how the YIQ color 85.7430, 44.2850, 28.9330 looks on a white background.

Color Contrast Check

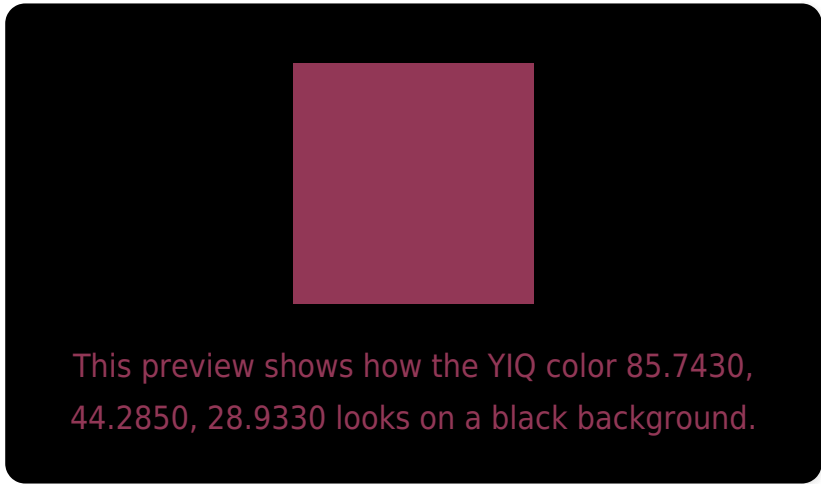
Large Text (above 18pt) WCAG AA ✓ Pass

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

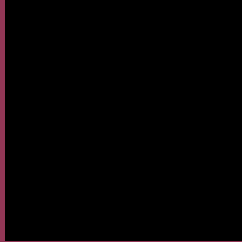
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.7430, 44.2850, 28.9330

Background



This preview shows how black text looks on a background with the YIQ color 85.7430, 44.2850, 28.9330.



This preview shows how white text looks on a background with the YIQ color 85.7430, 44.2850,

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

85.7430, 44.2850, 28.9330

Protanopia

88.1550, -7.5660, 4.9620

Deuteranopia

88.8440, 9.3070, 2.0350



Tritanopia

85.4580, 49.1010, 18.7410

Trichromacy



Original Color

85.7430, 44.2850, 28.9330

Protanomaly

87.1900, 11.6890, 13.9370

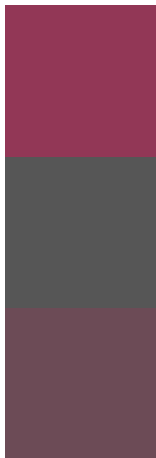
Deuteranomaly

87.5840, 22.1430, 11.7030

Tritanomaly

85.4950, 47.6790, 22.4870

Monochromacy



Original Color

85.7430, 44.2850, 28.9330

Achromatopsia

86.0000, -0.0000, -0.0000

Achromatomaly

86.1210, 16.1370, 10.4170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.7430, 44.2850, 28.9330 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(146, 55, 86)` looks like.

```
.text, #text, p{  
    color:rgb(146, 55, 86)  
}
```

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(146, 55, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 55, 86) }
```

Border

The CSS property to change the border of an element to YIQ 85.7430, 44.2850, 28.9330 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(146, 55, 86) }
```


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

```
.border{ border-color:rgb(146, 55, 86) }
```

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

Here you see how a box with a 4 pixel rgb(146, 55, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 55, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 55, 86);  
box-shadow:4px 4px 4px 4px rgb(146, 55,  
86) }
```

Background

The CSS property to change the background color of an element to YIQ 85.7430, 44.2850, 28.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 55, 86) }
```

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

```
.background{ background-color: rgb(146, 55,  
86) }
```

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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