

Converting Colors

YIQ(85.3130, 42.6800, 30.4880)

Have a look what the booklet for
YIQ(85.3130, 42.6800, 30.4880)
contains.

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Color

**YIQ(85.3130, 42.6800,
30.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	91365A
RGB	145, 54, 90
RGB Percent	57%, 21%, 35%
CMY	0.4311, 0.7884, 0.6469
CMYK	0.00, 0.63, 0.38, 0.43
HSL	336°, 46%, 39%
HSV	336°, 63%, 57%
XYZ	14.8522, 9.3989, 10.7123
YIQ	85.3130, 42.6800, 30.4880

Conversions

Conversions Part 2

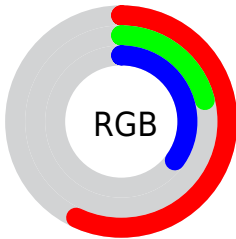
Format	Color
R_{YB}	145, 54, 90
Decimal	9516634
CIE Lab	36.74, 41.98, -1.40
CIE LCh	37, 42.002, 358.096
Yxy	9.3989, 0.4248, 0.2688
Android (android.graphics.Color)	4287706714 (0xFF91365A)
YUV	85.3130, 2.3107, 52.3455
Hunter-Lab	30.6576, 32.8243, 0.7434

Details

The YIQ color **85.3130, 42.6800, 30.4880** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **113.6870, -42.6800, -30.4880**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **138.5800, 46.3020, 30.9260**, and **32.3390, 39.7910, 33.2870** is the 20% darker color. If you saturate the color by 10%, you get **75.4820, 49.6940, 35.5340**, and if you desaturate by 10%, it is **94.5570, 35.9410, 25.9650**.

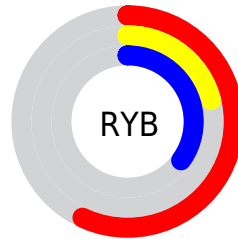
Distribution



Red (57%)

Green (21%)

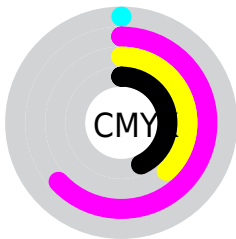
Blue (35%)



Red (57%)

Yellow (21%)

Blue (35%)

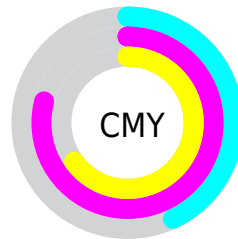


Cyan (0%)

Magenta (63%)

Yellow (38%)

Black (43%)



Cyan (43%)


Magenta (79%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 85.3130, 42.6800, 30.4880 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 85.3130, 42.6800, 30.4880 by changing the saturation by 10% instead.


 85.3130, 42.6800,
30.4880


 85.3130, 42.6800,
30.4880


255.0000, -0.0000,
-0.0000


 58.7690, 41.3960,
31.7320


 138.5800, 46.3020,
30.9260


 32.3390, 39.7910,
33.2870


 165.4770, 48.0900,
31.5620


 21.8720, 30.4400,
21.0320

 191.5800, 46.3020,
30.9260

 12.3730, 24.1150,
9.0030

 211.2080, 29.6140,
24.9900

 0.0000, 0.0000,
0.0000

 230.9500, 12.6050,
19.3650

 248.5430, 3.0250,

5.7530

■ 85.3130, 42.6800,
30.4880

■ 85.3130, 42.6800,
30.4880

■ 75.4820, 49.6940,
35.5340

■ 94.5570, 35.9410,
25.9650

■ 66.3520, 56.1120,
40.3680

■ 104.3880, 28.9270,
20.9190

■ 56.5210, 63.1260,
45.4140

■ 113.5180, 22.5090,
16.0850

■ 49.8530, 68.1230,
48.4670

■ 123.3490, 15.4950,
11.0390

■ 132.5930, 8.7560,
6.5160

■ 142.4240, 1.7420,
1.4700

■ 152.1410, -4.9510,
-3.8870

■ 161.3850,
-11.6900, -8.4100

■ 171.2160,
-18.7040, -13.4560

Harmonies

Analogous

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



88.3780, 17.6920, 31.8040



85.3130, 42.6800, 30.4880



84.1980, 52.7690, 18.3450

Triad

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



85.3130, 42.6800, 30.4880



78.9860, 10.6420, -27.6780



74.4150, -73.1280, -7.3040

Complementary

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



85.3130, 42.6800, 30.4880



113.6870, -42.6800, -30.4880

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.



73.2120, -65.6070, -16.9590



85.3130, 42.6800, 30.4880



70.2660, -31.3090, -32.8210

Square

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



85.3130, 42.6800, 30.4880



81.7290, 36.5910, -18.8730



69.3360, -54.6930, -27.5330



70.9730, -74.4590, 0.3010

Rectangle

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



85.3130, 42.6800, 30.4880



83.9230, 51.6250, 6.0330



69.3360, -54.6930, -27.5330



74.2040, -71.1560, -10.0040

Sweetspot

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



85.3130, 42.6800, 30.4880



165.3600, 16.9620, 11.9860



80.8190, 3.5690, 39.9610



80.1910, 9.9480, 6.9400



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.



85.3130, 42.6800, 30.4880



95.8420, 66.6560, 47.5200



86.4920, 51.7610, 14.5850



66.4350, 3.2090, 2.4170



46.5210, 63.1260, 45.4140



2.7340, 3.8050, 2.6290

Inverse Universe

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



85.3130, 42.6800, 30.4880



95.8420, 66.6560, 47.5200



112.5080, -51.7610, -14.5850



66.4350, 3.2090, 2.4170



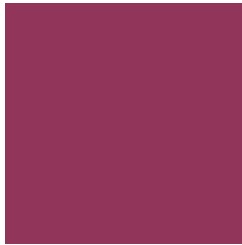
46.5210, 63.1260, 45.4140



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 85.3130, 42.6800, 30.4880 looks on a white background.

Color Contrast Check

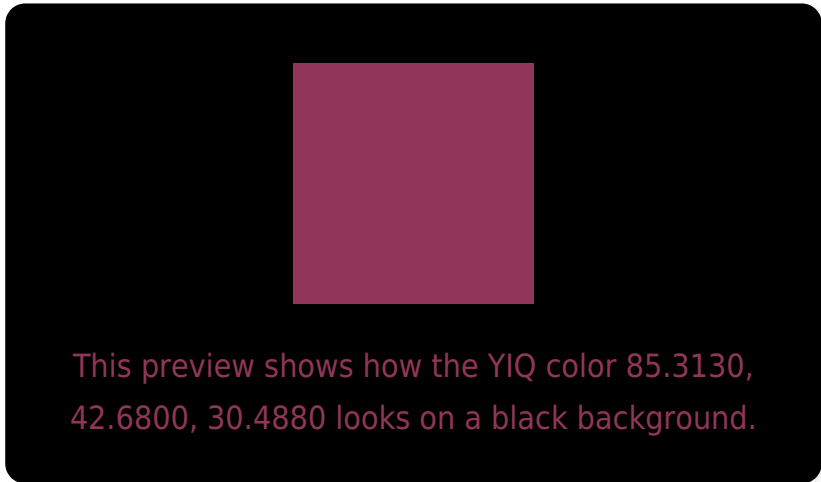
Large Text (above 18pt) WCAG AA ✓ Pass

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

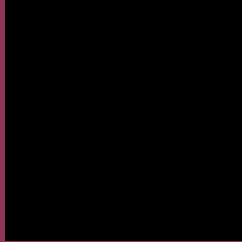
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 85.3130, 42.6800, 30.4880

Background



This preview shows how black text looks on a background with the YIQ color 85.3130, 42.6800, 30.4880.



This preview shows how white text looks on a background with the YIQ color 85.3130, 42.6800,

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

85.3130, 42.6800, 30.4880

Protanopia

87.2410, -10.6840, 6.4040

Deuteranopia

87.8160, 6.5100, 3.1660



Tritanopia

85.2730, 48.1840, 18.8400

Trichromacy



Original Color

85.3130, 42.6800, 30.4880

Protanomaly

86.2760, 8.5710, 15.3790

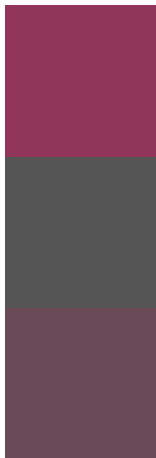
Deuteranomaly

86.8550, 19.9420, 13.0460

Tritanomaly

85.4240, 46.4410, 22.8970

Monochromacy



Original Color

85.3130, 42.6800, 30.4880

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.3490, 15.4950, 11.0390

CSS Examples

Text

The CSS property to change the color of the text to YIQ 85.3130, 42.6800, 30.4880 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(145, 54, 90)` looks like.

```
.text, #text, p{  
    color:rgb(145, 54, 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(145, 54, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 54, 90) }
```

Border

The CSS property to change the border of an element to YIQ 85.3130, 42.6800, 30.4880 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(145, 54, 90) }
```


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

```
.border{ border-color:rgb(145, 54, 90) }
```

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

Here you see how a box with a 4 pixel rgb(145, 54, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 54, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 54, 90);  
box-shadow:4px 4px 4px 4px rgb(145, 54,  
90) }
```

Background

The CSS property to change the background color of an element to YIQ 85.3130, 42.6800, 30.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 54, 90) }
```

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

```
.background{ background-color: rgb(145, 54,  
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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