

Converting Colors

YIQ(83.5610, 30.1180, 26.8700)

Have a look what the booklet for
YIQ(83.5610, 30.1180, 26.8700)
contains.

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Color

**YIQ(83.5610, 30.1180,
26.8700)**

Conversions

Conversions Part 1

Format	Color
Hex	813A60
RGB	129, 58, 96
RGB Percent	51%, 23%, 38%
CMY	0.4939, 0.7727, 0.6234
CMYK	0.00, 0.55, 0.26, 0.49
HSL	328°, 38%, 37%
HSV	328°, 55%, 51%
XYZ	12.6847, 8.5390, 12.0515
YIQ	83.5610, 30.1180, 26.8700

Conversions

Conversions Part 2

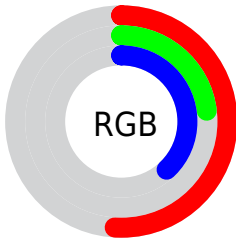
Format	Color
R_{YB}	129, 58, 96
Decimal	8469088
CIE _{Lab}	35.08, 35.34, -7.96
CIE _{LCh}	35, 36.222, 347.313
Yxy	8.5390, 0.3812, 0.2566
Android (android.graphics.Color)	4286659168 (0xFF813A60)
YUV	83.5610, 6.1324, 39.8500
Hunter-Lab	29.2216, 26.3462, -3.9971

Details

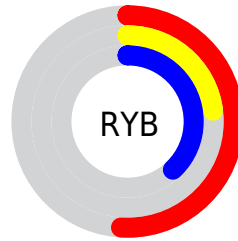
The YIQ color **83.5610, 30.1180, 26.8700** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **103.4390, -30.1180, -26.8700**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **135.1700, 32.7770, 28.2410**, and **31.6580, 28.4670, 29.2590** is the 20% darker color. If you saturate the color by 10%, you get **75.2460, 35.6190, 31.8030**, and if you desaturate by 10%, it is **91.8760, 24.6170, 21.9370**.

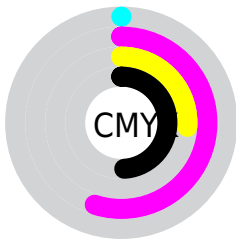
Distribution



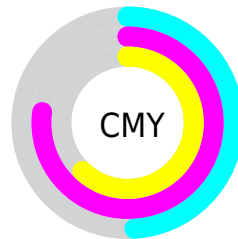
- Red (51%)
- Green (23%)
- Blue (38%)



- Red (51%)
- Yellow (23%)
- Blue (38%)



- Cyan (0%)
- Magenta (55%)
- Yellow (26%)
- Black (49%)



- Cyan (49%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.5610, 30.1180, 26.8700 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 83.5610, 30.1180, 26.8700 by changing the saturation by 10% instead.

83.5610, 30.1180,
26.8700

83.5610, 30.1180,
26.8700

255.0000, -0.0000,
-0.0000

58.3760, 29.2010,
26.9690

135.1700, 32.7770,
28.2410

31.6580, 28.4670,
29.2590

161.7680, 33.9690,
28.6650

19.1530, 22.2790,
20.2550

189.3660, 35.1610,
29.0890

8.1870, 15.7710,
6.0350

212.7070, 26.7710,
26.9550

0.0000, 0.0000,
0.0000

232.6940, 10.4500,
19.8740

249.1300, 2.7500,

5.2300

■ 83.5610, 30.1180,
26.8700

■ 83.5610, 30.1180,
26.8700

■ 75.2460, 35.6190,
31.8030

■ 91.8760, 24.6170,
21.9370

■ 66.9310, 41.1200,
36.7360

■ 100.1910, 19.1160,
17.0040

■ 58.6160, 46.6210,
41.6690

■ 108.5060, 13.6150,
12.0710

■ 50.3010, 52.1220,
46.6020

■ 116.8210, 8.1140,
7.1380

■ 46.4370, 54.7350,
48.8070

■ 124.5490, 2.8880,
2.7280

■ 132.8640, -2.6130,
-2.2050

■ 141.1790, -8.1140,
-7.1380

■ 149.4940,
-13.6150, -12.0710

■ 157.8090,
-19.1160, -17.0040

Harmonies

Analogous

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



85.2190, 4.7180, 24.6380



83.5610, 30.1180, 26.8700



81.7610, 43.8740, 19.8580

Triad

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



83.5610, 30.1180, 26.8700



77.6220, 17.8390, -20.4410



69.9010, -65.9290, -11.1210

Complementary

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



83.5610, 30.1180, 26.8700



103.4390, -30.1180, -26.8700

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.



68.2250, -58.4540, -19.9420



83.5610, 30.1180, 26.8700



73.0300, -9.8530, -25.1890

Square

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



83.5610, 30.1180, 26.8700



80.1130, 35.8100, -10.2220



64.2180, -48.5490, -28.7490



68.0890, -69.0940, -3.3180

Rectangle

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



83.5610, 30.1180, 26.8700



81.4480, 45.8930, 10.7970



64.2180, -48.5490, -28.7490



69.6900, -63.9570, -13.8210

Sweetspot

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



83.5610, 30.1180, 26.8700



150.0820, 11.8730, 10.6010



75.6620, -3.7190, 28.8650



73.1090, 7.2430, 6.4030



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



83.5610, 30.1180, 26.8700



97.0290, 46.8960, 42.1920



79.6850, 41.0320, 16.2960



59.5490, 2.8880, 2.7280



46.0240, 54.4600, 48.2840



0.0000, 0.0000, 0.0000

Inverse Universe

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



83.5610, 30.1180, 26.8700



97.0290, 46.8960, 42.1920



107.3150, -41.0320, -16.2960



59.5490, 2.8880, 2.7280



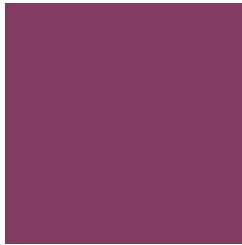
46.0240, 54.4600, 48.2840



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 83.5610, 30.1180, 26.8700 looks on a white background.

Color Contrast Check

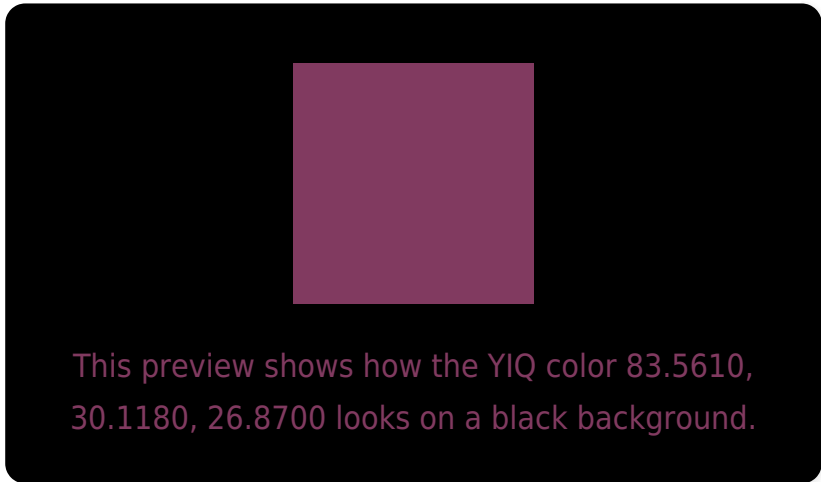
Large Text (above 18pt) WCAG AA ✓ Pass

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 83.5610, 30.1180, 26.8700

Background



This preview shows how black text looks on a background with the YIQ color 83.5610, 30.1180, 26.8700.



This preview shows how white text looks on a background with the YIQ color 83.5610, 30.1180,

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

83.5610, 30.1180, 26.8700

Protanopia

83.1420, -14.7190, 7.9450

Deuteranopia

84.0480, 0.0450, 4.6930



Tritanopia

83.2930, 36.2640, 14.6000

Trichromacy



Original Color

83.5610, 30.1180, 26.8700

Protanomaly

83.1550, 1.6020, 15.0260

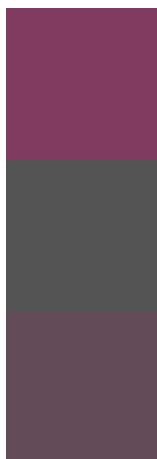
Deuteranomaly

83.9510, 10.8640, 12.3680

Tritanomaly

83.5580, 34.2000, 18.9680

Monochromacy



Original Color

83.5610, 30.1180, 26.8700

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

83.9570, 10.7270, 9.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.5610, 30.1180, 26.8700 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(129, 58, 96)` looks like.

```
.text, #text, p{  
    color:rgb(129, 58, 96)  
}
```

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(129, 58, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 58, 96) }
```

Border

The CSS property to change the border of an element to YIQ 83.5610, 30.1180, 26.8700 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(129, 58, 96) }
```


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

```
.border{ border-color:rgb(129, 58, 96) }
```

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

Here you see how a box with a 4 pixel rgb(129, 58, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 58, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 58, 96);  
box-shadow:4px 4px 4px 4px rgb(129, 58,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 83.5610, 30.1180, 26.8700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 58, 96) }
```

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

```
.background{ background-color: rgb(129, 58,  
96) }
```

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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