

Converting Colors

YIQ(83.4340, 14.1180, 19.4780)

Have a look what the booklet for
YIQ(83.4340, 14.1180, 19.4780)
contains.

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Color

**YIQ(83.4340, 14.1180,
19.4780)**

Conversions

Conversions Part 1

Format	Color
Hex	6D4365
RGB	109, 67, 101
RGB Percent	43%, 26%, 40%
CMY	0.5724, 0.7373, 0.6039
CMYK	0.00, 0.39, 0.07, 0.57
HSL	311°, 24%, 35%
HSV	311°, 39%, 43%
XYZ	10.6659, 8.2051, 13.3355
YIQ	83.4340, 14.1180, 19.4780

Conversions

Conversions Part 2

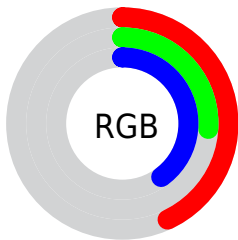
Format	Color
R_{YB}	109, 67, 101
Decimal	7160677
CIE _{Lab}	34.41, 23.90, -12.41
CIE _{LCh}	34, 26.933, 332.552
Yxy	8.2051, 0.3312, 0.2548
Android (android.graphics.Color)	4285350757 (0xFF6D4365)
YUV	83.4340, 8.6600, 22.4214
Hunter-Lab	28.6446, 16.3371, -7.5512

Details

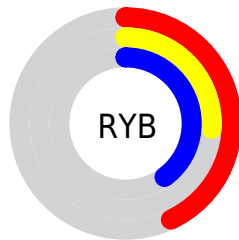
The YIQ color **83.4340, 14.1180, 19.4780** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **92.5660, -14.1180, -19.4780**, and the grayscale version is **83.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **133.5590, 15.2640, 20.7360**, and **37.0100, 12.3760, 18.0080** is the 20% darker color. If you saturate the color by 10%, you get **76.7490, 17.7850, 24.6090**, and if you desaturate by 10%, it is **90.1190, 10.4510, 14.3470**.

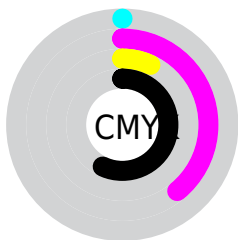
Distribution



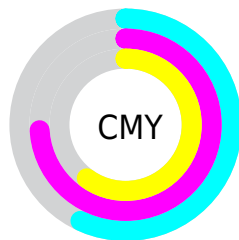
- Red (43%)
- Green (26%)
- Blue (40%)



- Red (43%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (7%)
- Black (57%)



- Cyan (57%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.4340, 14.1180, 19.4780 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 83.4340, 14.1180, 19.4780 by changing the saturation by 10% instead.

■ 83.4340, 14.1180,
19.4780

■ 83.4340, 14.1180,
19.4780

■ 255.0000, -0.0000,
-0.0000

■ 59.7220, 13.2470,
18.7430

■ 133.5590, 15.2640,
20.7360

■ 37.0100, 12.3760,
18.0080

■ 160.2710, 16.1350,
21.4710

■ 15.1240, 12.0550,
18.3190

■ 186.9830, 17.0060,
22.2060

■ 0.7980, -2.2470,
2.1770

■ 214.9830, 17.0060,
22.2060

■ 0.0000, 0.0000,
0.0000

■ 236.8030, 8.5250,
16.2130

■ 253.8260, 0.5500,

1.0460

■ 83.4340, 14.1180,
19.4780

■ 83.4340, 14.1180,
19.4780

■ 76.7490, 17.7850,
24.6090

■ 90.1190, 10.4510,
14.3470

■ 70.0640, 21.4520,
29.7400

■ 96.8040, 6.7840,
9.2160

■ 63.3790, 25.1190,
34.8710

■ 103.4890, 3.1170,
4.0850

■ 56.6940, 28.7860,
40.0020

■ 110.1740, -0.5500,
-1.0460

■ 50.0090, 32.4530,
45.1330

■ 116.8590, -4.2170,
-6.1770

■ 43.9110, 35.8450,
49.7410

■ 122.9570, -7.6090,
-10.7850

■ 42.6230, 36.7160,
50.4760

■ 129.7560,
-11.5970, -15.6050

■ 136.4410,
-15.2640, -20.7360

■ 143.1260,
-18.9310, -25.8670

Harmonies

Analogous

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



82.7780, -7.5220, 15.1820



83.4340, 14.1180, 19.4780



82.2800, 29.1110, 17.5830

Triad

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



83.4340, 14.1180, 19.4780



78.6860, 20.9550, -10.8290



65.1590, -58.0880, -15.5600

Complementary

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



83.4340, 14.1180, 19.4780



92.5660, -14.1180, -19.4780

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.



63.3520, -51.6220, -22.6140



83.4340, 14.1180, 19.4780



76.4280, 3.9460, -16.4540

Square

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



83.4340, 14.1180, 19.4780



80.6430, 31.6820, -1.4860



72.5270, -18.3820, -19.2940



65.1080, -62.0780, -9.3260

Rectangle

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



83.4340, 14.1180, 19.4780



81.5700, 33.9260, 12.9180



72.5270, -18.3820, -19.2940



65.0620, -56.4370, -17.9490

Sweetspot

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



83.4340, 14.1180, 19.4780



132.6790, 5.6380, 7.9580



74.1800, -8.7140, 14.7580



64.9020, 3.3920, 4.6080



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



83.4340, 14.1180, 19.4780



102.7760, 22.3230, 30.4750



81.0400, 20.8590, 12.9470



50.3640, 1.9710, 2.8270



45.8130, 39.2370, 54.3490



95.8270, 82.4620, 113.5180

Inverse Universe

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



83.4340, 14.1180, 19.4780



102.7760, 22.3230, 30.4750



94.9600, -20.8590, -12.9470



50.3640, 1.9710, 2.8270



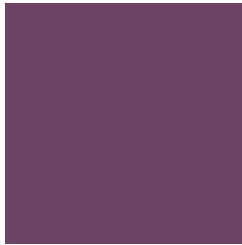
45.8130, 39.2370, 54.3490



95.8270, 82.4620, 113.5180

Previews

White Background



This preview shows how the YIQ color 83.4340, 14.1180, 19.4780 looks on a white background.

Color Contrast Check

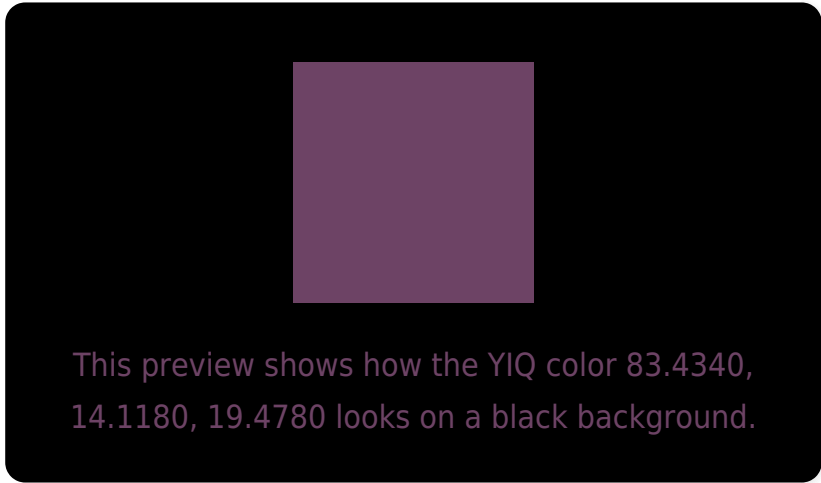
Large Text (above 18pt) WCAG AA ✓ Pass

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

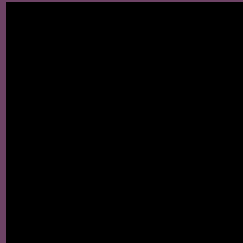
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.4340, 14.1180, 19.4780

Background



This preview shows how black text looks on a background with the YIQ color 83.4340, 14.1180, 19.4780.



This preview shows how white text looks on a background with the YIQ color 83.4340, 14.1180,

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

83.4340, 14.1180, 19.4780

Protanopia

81.1420, -14.7190, 7.9450

Deuteranopia

82.1660, -6.0990, 5.9090



Tritanopia

82.7360, 18.6590, 8.7630

Trichromacy



Original Color

83.4340, 14.1180, 19.4780

Protanomaly

81.6380, -4.3120, 12.0720

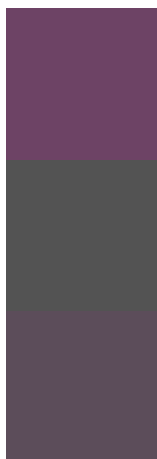
Deuteranomaly

82.6340, 1.5110, 11.1670

Tritanomaly

82.8870, 16.9160, 12.8200

Monochromacy



Original Color

83.4340, 14.1180, 19.4780

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

82.9670, 4.7670, 7.2230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.4340, 14.1180, 19.4780 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(109, 67, 101)` looks like.

```
.text, #text, p{  
    color:rgb(109, 67, 101)  
}
```

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(109, 67, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 67, 101) }
```

Border

The CSS property to change the border of an element to YIQ 83.4340, 14.1180, 19.4780 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(109, 67, 101) }
```


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

```
.border{ border-color:rgb(109, 67, 101) }
```

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

Here you see how a box with a 4 pixel rgb(109, 67, 101) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 67, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 67, 101);  
box-shadow:4px 4px 4px 4px rgb(109, 67,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 83.4340, 14.1180, 19.4780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 67, 101) }
```

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

```
.background{ background-color: rgb(109, 67,  
101) }
```

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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