

Converting Colors

YIQ(84.3770, 27.4600, 19.9720)

Have a look what the booklet for
YIQ(84.3770, 27.4600, 19.9720)
contains.

YIQ(84.3770, 27.4600, 19.9720)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(84.3770, 27.4600,
19.9720)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4058
RGB	123, 64, 88
RGB Percent	48%, 25%, 35%
CMY	0.5175, 0.7491, 0.6548
CMYK	0.00, 0.48, 0.28, 0.52
HSL	336°, 32%, 37%
HSV	336°, 48%, 48%
XYZ	11.7685, 8.5828, 10.2739
YIQ	84.3770, 27.4600, 19.9720

Conversions

Conversions Part 2

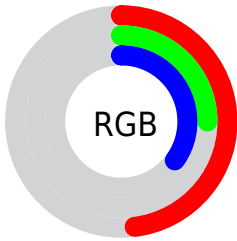
Format	Color
R_{YB}	123, 64, 88
Decimal	8077400
CIE Lab	35.17, 28.66, -2.83
CIE LCh	35, 28.795, 354.359
Yxy	8.5828, 0.3843, 0.2803
Android (android.graphics.Color)	4286267480 (0xFF7B4058)
YUV	84.3770, 1.7861, 33.8724
Hunter-Lab	29.2965, 20.4349, -0.2847

Details

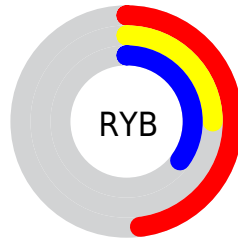
The YIQ color **84.3770, 27.4600, 19.9720** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **102.6230, -27.4600, -19.9720**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **134.9860, 30.1190, 21.3430**, and **36.4090, 24.4340, 19.7460** is the 20% darker color. If you saturate the color by 10%, you get **76.5350, 33.0070, 24.0710**, and if you desaturate by 10%, it is **92.2190, 21.9130, 15.8730**.

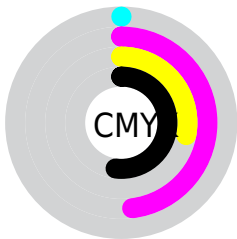
Distribution



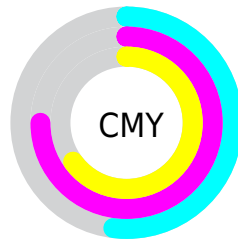
- Red (48%)
- Green (25%)
- Blue (35%)



- Red (48%)
- Yellow (25%)
- Blue (35%)



- Cyan (0%)
- Magenta (48%)
- Yellow (28%)
- Black (52%)



- Cyan (52%)
- Magenta (75%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.3770, 27.4600, 19.9720 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 84.3770, 27.4600, 19.9720 by changing the saturation by 10% instead.

■ 84.3770, 27.4600,
19.9720

■ 84.3770, 27.4600,
19.9720

■ 255.0000, -0.0000,
-0.0000

■ 59.8930, 25.9470,
19.8590

■ 134.9860, 30.1190,
21.3430

■ 36.4090, 24.4340,
19.7460

■ 161.5840, 31.3110,
21.7670

■ 16.8600, 21.5460,
17.0180

■ 189.1820, 32.5030,
22.1910

■ 5.3820, 10.7280,
3.8160

■ 215.0890, 28.3310,
20.7070

■ 0.0000, 0.0000,
0.0000

■ 234.8310, 11.3220,
15.0820

■ 252.0650, 1.3750,

2.6150

■ 84.3770, 27.4600,
19.9720

■ 84.3770, 27.4600,
19.9720

■ 76.5350, 33.0070,
24.0710

■ 92.2190, 21.9130,
15.8730

■ 67.9920, 39.1500,
28.3820

■ 100.7620, 15.7700,
11.5620

■ 60.1500, 44.6970,
32.4810

■ 108.6040, 10.2230,
7.4630

■ 52.3080, 50.2440,
36.5800

■ 116.4460, 4.6760,
3.3640

■ 43.8790, 56.0660,
41.2020

■ 124.2880, -0.8710,
-0.7350

■ 42.4770, 57.2580,
41.6260

■ 132.8310, -7.0140,
-5.0460

■ 140.6730,
-12.5610, -9.1450

■ 148.5150,
-18.1080, -13.2440

■ 157.0580,
-24.2510, -17.5550

Harmonies

Analogous

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



85.6230, 9.2120, 20.2840



84.3770, 27.4600, 19.9720



83.2390, 36.3560, 12.9320

Triad

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



84.3770, 27.4600, 19.9720



78.8370, 10.0440, -16.8360



67.6840, -63.8200, -10.7960

Complementary

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



84.3770, 27.4600, 19.9720



102.6230, -27.4600, -19.9720

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.



66.6920, -58.2710, -17.7510



84.3770, 27.4600, 19.9720



75.2240, -13.1550, -20.4110

Square

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



84.3770, 27.4600, 19.9720



80.9640, 26.0440, -9.4440



63.9560, -50.5670, -25.2150



74.3430, -46.2620, 1.4020

Rectangle

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



84.3770, 27.4600, 19.9720



82.6100, 36.4490, 5.7370



63.9560, -50.5670, -25.2150



67.5870, -62.1690, -13.1850

Sweetspot

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



84.3770, 27.4600, 19.9720



145.9030, 10.8190, 7.6750



80.8920, 1.3250, 25.5570



72.7560, 6.7390, 4.5230



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



84.3770, 27.4600, 19.9720



99.4380, 43.8260, 31.7460



84.5760, 33.7890, 9.8930



57.1360, 2.6130, 2.2050



43.1890, 58.1290, 42.3610



87.0900, 117.1290, 85.4570

Inverse Universe

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



84.3770, 27.4600, 19.9720



99.4380, 43.8260, 31.7460



102.4240, -33.7890, -9.8930



57.1360, 2.6130, 2.2050



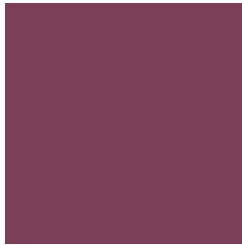
43.1890, 58.1290, 42.3610



87.0900, 117.1290, 85.4570

Previews

White Background



This preview shows how the YIQ color 84.3770, 27.4600, 19.9720 looks on a white background.

Color Contrast Check

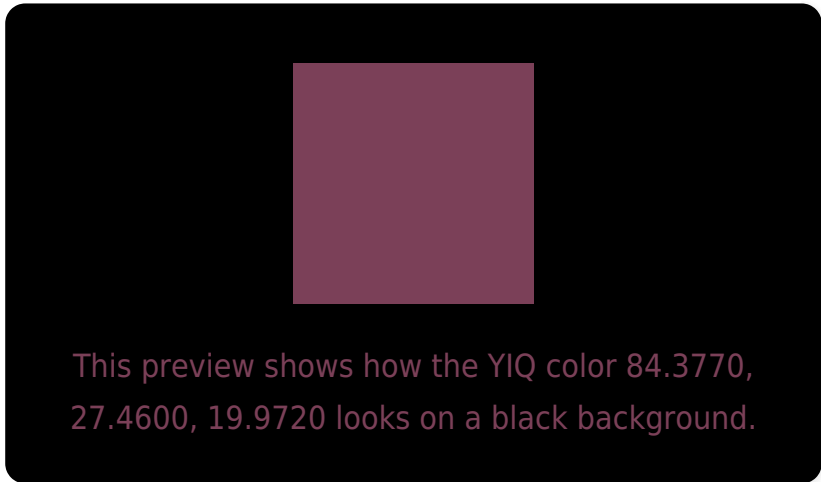
Large Text (above 18pt) WCAG AA ✓ Pass

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

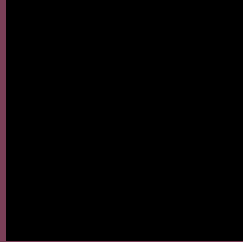
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.3770, 27.4600, 19.9720

Background



This preview shows how black text looks on a background with the YIQ color 84.3770, 27.4600, 19.9720.



This preview shows how white text looks on a background with the YIQ color 84.3770, 27.4600,

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

84.3770, 27.4600, 19.9720

Protanopia

84.0410, -7.2450, 4.6510

Deuteranopia

84.1470, 4.0800, 3.1520



Tritanopia

84.0150, 31.1750, 13.2150

Trichromacy



Original Color

84.3770, 27.4600, 19.9720

Protanomaly

84.2600, 5.5000, 10.4600

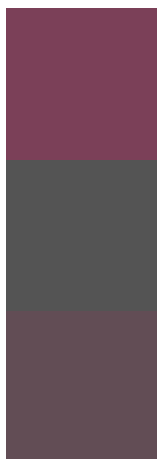
Deuteranomaly

84.3270, 12.5610, 9.1450

Tritanomaly

84.1120, 29.5240, 15.6040

Monochromacy



Original Color

84.3770, 27.4600, 19.9720

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.1910, 9.9480, 6.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.3770, 27.4600, 19.9720 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(123, 64, 88)` looks like.

```
.text, #text, p{  
    color:rgb(123, 64, 88)  
}
```

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(123, 64, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 64, 88) }
```

Border

The CSS property to change the border of an element to YIQ 84.3770, 27.4600, 19.9720 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(123, 64, 88) }
```


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

```
.border{ border-color:rgb(123, 64, 88) }
```

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

Here you see how a box with a 4 pixel rgb(123, 64, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 64, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 64, 88);  
box-shadow:4px 4px 4px 4px rgb(123, 64,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 84.3770, 27.4600, 19.9720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 64, 88) }
```

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

```
.background{ background-color: rgb(123, 64,  
88) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor