

Converting Colors

YIQ(81.4540, 28.5610, 16.5370)

Have a look what the booklet for
YIQ(81.4540, 28.5610, 16.5370)
contains.

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Color

**YIQ(81.4540, 28.5610,
16.5370)**

Conversions

Conversions Part 1

Format	Color
Hex	773F4E
RGB	119, 63, 78
RGB Percent	47%, 25%, 31%
CMY	0.5332, 0.7530, 0.6940
CMYK	0.00, 0.47, 0.34, 0.53
HSL	344°, 31%, 36%
HSV	344°, 47%, 47%
XYZ	10.7650, 8.0274, 8.1947
YIQ	81.4540, 28.5610, 16.5370

Conversions

Conversions Part 2

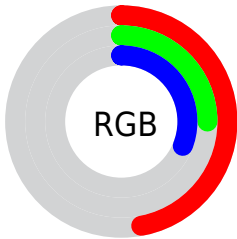
Format	Color
R_{YB}	119, 63, 78
Decimal	7814990
CIE Lab	34.04, 26.23, 1.83
CIE LCh	34, 26.290, 4.001
Yxy	8.0274, 0.3989, 0.2975
Android (android.graphics.Color)	4286005070 (0xFF773F4E)
YUV	81.4540, -1.7028, 32.9278
Hunter-Lab	28.3326, 18.2394, 2.6843

Details

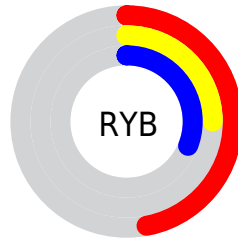
The YIQ color **81.4540, 28.5610, 16.5370** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **100.5460, -28.5610, -16.5370**, and the grayscale version is **81.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **131.9490, 31.5410, 17.5970**, and **34.1870, 24.9390, 16.0990** is the 20% darker color. If you saturate the color by 10%, you get **73.3840, 34.7500, 20.0140**, and if you desaturate by 10%, it is **89.5240, 22.3720, 13.0600**.

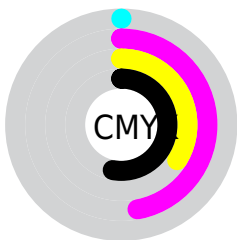
Distribution



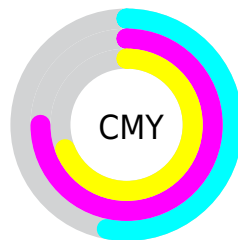
- Red (47%)
- Green (25%)
- Blue (31%)



- Red (47%)
- Yellow (25%)
- Blue (31%)



- Cyan (0%)
- Magenta (47%)
- Yellow (34%)
- Black (53%)



- Cyan (53%)
- Magenta (75%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 81.4540, 28.5610, 16.5370 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 81.4540, 28.5610, 16.5370 by changing the saturation by 10% instead.

81.4540, 28.5610,
16.5370

81.4540, 28.5610,
16.5370

255.0000, -0.0000,
-0.0000

57.5570, 26.7730,
15.9010

131.9490, 31.5410,
17.5970

34.1870, 24.9390,
16.0990

158.5470, 32.7330,
18.0210

14.7090, 23.2890,
12.9610

185.5580, 34.2000,
18.9680

0.2990, 0.5960,
0.2120

212.5470, 32.7330,
18.0210

0.0000, 0.0000,
0.0000

232.1750, 16.0450,
12.0850

251.4780, 1.6500,

3.1380

■ 81.4540, 28.5610,
16.5370

■ 81.4540, 28.5610,
16.5370

■ 73.3840, 34.7500,
20.0140

■ 89.5240, 22.3720,
13.0600

■ 65.4280, 40.6180,
23.8020

■ 97.4800, 16.5040,
9.2720

■ 57.3580, 46.8070,
27.2790

■ 105.5500, 10.3150,
5.7950

■ 49.2880, 52.9960,
30.7560

■ 113.6200, 4.1260,
2.3180

■ 41.2180, 59.1850,
34.2330

■ 121.1030, -1.7880,
-0.6360

■ 39.2290, 60.6520,
35.1800

■ 129.0590, -7.6560,
-4.4240

■ 137.1290,
-13.8450, -7.9010

■ 145.1990,
-20.0340, -11.3780

■ 153.1550,
-25.9020, -15.1660

Harmonies

Analogous

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



82.3200, 14.4390, 19.1670



81.4540, 28.5610, 16.5370



80.6360, 33.5600, 8.5360

Triad

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



81.4540, 28.5610, 16.5370



75.8300, 2.7540, -16.8780



64.4070, -61.4820, -9.1140

Complementary

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



81.4540, 28.5610, 16.5370



100.5460, -28.5610, -16.5370

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.



64.5720, -57.8130, -15.0370



81.4540, 28.5610, 16.5370



71.7550, -19.0240, -18.6720

Square

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



81.4540, 28.5610, 16.5370



78.0880, 19.7630, -11.2530



62.7650, -51.3470, -22.0910



76.5900, -30.7200, 6.0800

Rectangle

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



81.4540, 28.5610, 16.5370



79.9360, 32.4150, 1.7510



62.7650, -51.3470, -22.0910



64.5380, -60.4730, -10.8810

Sweetspot

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



81.4540, 28.5610, 16.5370



141.2620, 11.1860, 6.5300



81.3440, 5.8640, 25.8960



70.2290, 6.7850, 3.6890



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



81.4540, 28.5610, 16.5370



96.3470, 45.3400, 26.3320



86.7880, 30.0760, 5.5960



54.9080, 3.2550, 1.5830



40.2400, 62.1190, 36.1270



82.3880, 127.4930, 73.8370

Inverse Universe

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



81.4540, 28.5610, 16.5370



96.3470, 45.3400, 26.3320



95.2120, -30.0760, -5.5960



54.9080, 3.2550, 1.5830



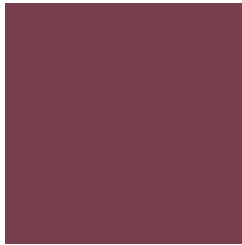
40.2400, 62.1190, 36.1270



82.3880, 127.4930, 73.8370

Previews

White Background



This preview shows how the YIQ color 81.4540, 28.5610, 16.5370 looks on a white background.

Color Contrast Check

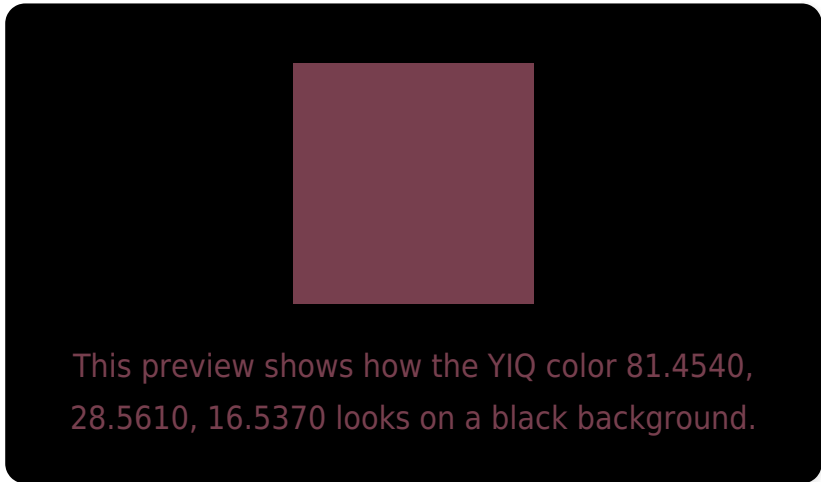
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.4540, 28.5610, 16.5370

Background



This preview shows how black text looks on a background with the YIQ color 81.4540, 28.5610, 16.5370.



This preview shows how white text looks on a background with the YIQ color 81.4540, 28.5610,

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

81.4540, 28.5610, 16.5370

Protanopia

80.9120, -2.5680, 2.4880

Deuteranopia

81.3600, 7.7940, 1.9220



Tritanopia

81.3030, 30.3040, 12.4800

Trichromacy



Original Color

81.4540, 28.5610, 16.5370

Protanomaly

81.1200, 8.7100, 7.3500

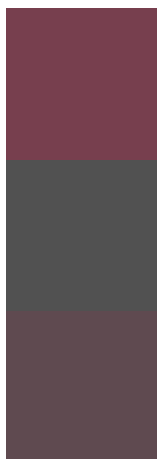
Deuteranomaly

81.8280, 15.4040, 7.1800

Tritanomaly

81.0580, 29.6160, 13.9360

Monochromacy



Original Color

81.4540, 28.5610, 16.5370

Achromatopsia

81.0000, -0.0000, 0.0000

Achromatomaly

80.9630, 10.5900, 6.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 81.4540, 28.5610, 16.5370 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(119, 63, 78)` looks like.

```
.text, #text, p{  
    color:rgb(119, 63, 78)  
}
```

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(119, 63, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 63, 78) }
```

Border

The CSS property to change the border of an element to YIQ 81.4540, 28.5610, 16.5370 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(119, 63, 78) }
```


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

```
.border{ border-color:rgb(119, 63, 78) }
```

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

Here you see how a box with a 4 pixel rgb(119, 63, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 63, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 63, 78);  
box-shadow:4px 4px 4px 4px rgb(119, 63,  
78) }
```

Background

The CSS property to change the background color of an element to YIQ 81.4540, 28.5610, 16.5370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 63, 78) }
```

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

```
.background{ background-color: rgb(119, 63,  
78) }
```

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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