

Converting Colors

YIQ(90.6450, 29.3410, 13.4130)

Have a look what the booklet for
YIQ(90.6450, 29.3410, 13.4130)
contains.

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Color

**YIQ(90.6450, 29.3410,
13.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	7F4A51
RGB	127, 74, 81
RGB Percent	50%, 29%, 32%
CMY	0.5018, 0.7099, 0.6822
CMYK	0.00, 0.42, 0.36, 0.50
HSL	352°, 26%, 39%
HSV	352°, 42%, 50%
XYZ	12.6909, 10.0037, 9.0522
YIQ	90.6450, 29.3410, 13.4130

Conversions

Conversions Part 2

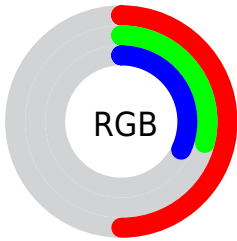
Format	Color
R_{YB}	127, 74, 81
Decimal	8342097
CIE Lab	37.85, 23.45, 5.55
CIE LCh	38, 24.098, 13.325
Yxy	10.0037, 0.3998, 0.3151
Android (android.graphics.Color)	4286532177 (0xFF7F4A51)
YUV	90.6450, -4.7550, 31.8833
Hunter-Lab	31.6286, 16.2728, 5.1711

Details

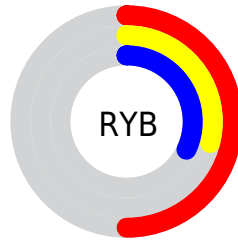
The YIQ color **90.6450, 29.3410, 13.4130** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **110.3550, -29.3410, -13.4130**, and the grayscale version is **91.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **141.7270, 32.0460, 13.9500**, and **43.3780, 25.7190, 12.9750** is the 20% darker color. If you saturate the color by 10%, you get **81.7600, 36.4470, 16.7910**, and if you desaturate by 10%, it is **99.5300, 22.2350, 10.0350**.

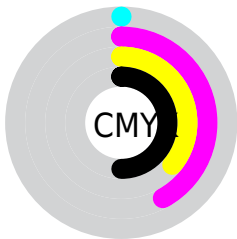
Distribution



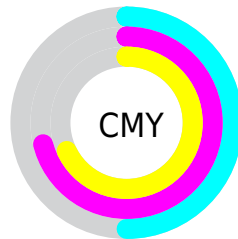
- Red (50%)
- Green (29%)
- Blue (32%)



- Red (50%)
- Yellow (29%)
- Blue (32%)



- Cyan (0%)
- Magenta (42%)
- Yellow (36%)
- Black (50%)



- Cyan (50%)
- Magenta (71%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 90.6450, 29.3410, 13.4130 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 90.6450, 29.3410, 13.4130 by changing the saturation by 10% instead.

90.6450, 29.3410,
13.4130

90.6450, 29.3410,
13.4130

255.0000, -0.0000,
-0.0000

66.7480, 27.5530,
12.7770

141.7270, 32.0460,
13.9500

43.3780, 25.7190,
12.9750

168.6240, 33.8340,
14.5860

20.4810, 23.9310,
12.3390

195.9230, 34.4300,
14.7980

8.1870, 15.7710,
6.0350

220.0470, 28.1490,
12.9890

0.0000, 0.0000,
0.0000

240.2620, 11.1860,
6.5300

90.6450, 29.3410,
13.4130

90.6450, 29.3410,
13.4130

81.7600, 36.4470,
16.7910

99.5300, 22.2350,
10.0350

73.4620, 43.2780,
19.6460

107.8280, 15.4040,
7.1800

64.5770, 50.3840,
23.0240

116.7130, 8.2980,
3.8020

55.6920, 57.4900,
26.4020

125.5980, 1.1920,
0.4240

46.8070, 64.5960,
29.7800

133.8960, -5.6390,
-2.4310


39.9110, 70.2350,
32.2110

142.7810,
-12.7450, -5.8090

151.6660,
-19.8510, -9.1870

160.5510,

-26.9570, -12.5650

 168.8490,
-33.7880, -15.4200

Harmonies

Analogous

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



91.4190, 18.4740, 17.6260



90.6450, 29.3410, 13.4130



89.7450, 31.6350, 4.8750

Triad

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



90.6450, 29.3410, 13.4130



84.7200, -2.7480, -16.2840



81.8010, -41.8600, -1.2840

Complementary

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



90.6450, 29.3410, 13.4130



110.3550, -29.3410, -13.4130

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.



71.5330, -62.0770, -14.8530



90.6450, 29.3410, 13.4130



80.9440, -23.9300, -17.8660

Square

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



90.6450, 29.3410, 13.4130



87.0380, 14.0320, -12.0160



74.8410, -48.5050, -18.5290



88.5590, -20.2670, 9.3730

Rectangle

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



90.6450, 29.3410, 13.4130



89.0880, 28.9310, -1.1890



74.8410, -48.5050, -18.5290



78.7460, -49.1950, -6.0190

Sweetspot

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



90.6450, 29.3410, 13.4130



150.9200, 12.1490, 5.5970



93.7960, 10.4030, 26.2350



75.0010, 7.4270, 3.0670



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.



90.6450, 29.3410, 13.4130



109.0710, 45.9370, 21.0170



101.0000, 26.3630, 1.2990



59.2070, 3.8510, 1.7950



40.2100, 70.8310, 32.4230



0.0000, 0.0000, 0.0000

Inverse Universe

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



90.6450, 29.3410, 13.4130



109.0710, 45.9370, 21.0170



100.0000, -26.3630, -1.2990



59.2070, 3.8510, 1.7950



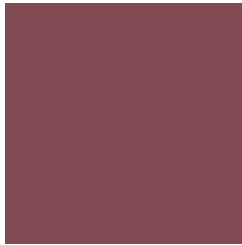
40.2100, 70.8310, 32.4230



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 90.6450, 29.3410, 13.4130 looks on a white background.

Color Contrast Check

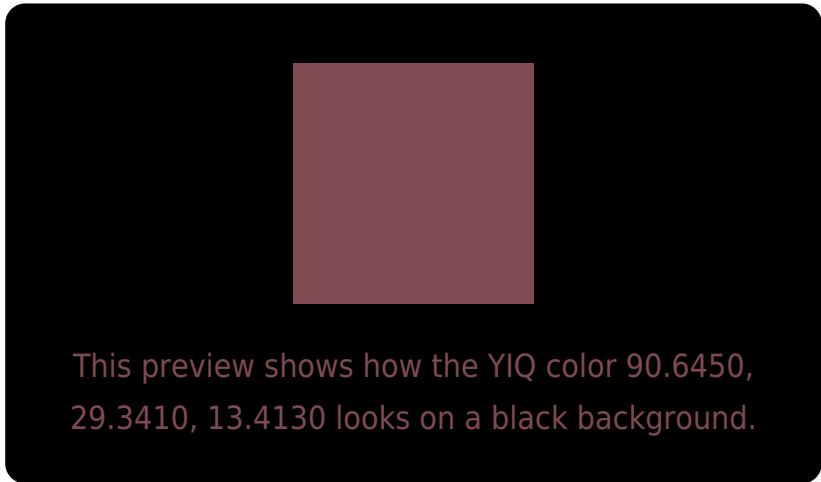
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

Any Text WCAG AA × Fail

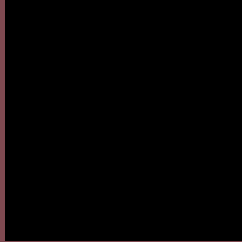
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 90.6450, 29.3410, 13.4130

Background



This preview shows how black text looks on a background with the YIQ color 90.6450, 29.3410, 13.4130.



This preview shows how white text looks on a background with the YIQ color 90.6450, 29.3410,

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

90.6450, 29.3410, 13.4130

Protanopia

89.5980, 1.1920, 0.4240

Deuteranopia

89.9860, 11.7830, 1.2150



Tritanopia

90.5310, 29.6620, 13.1020

Trichromacy



Original Color

90.6450, 29.3410, 13.4130

Protanomaly

90.2080, 11.2780, 4.8620

Deuteranomaly

90.4430, 17.9260, 5.5260

Tritanomaly

90.5310, 29.6620, 13.1020

Monochromacy



Original Color

90.6450, 29.3410, 13.4130

Achromatopsia

91.0000, -0.0000, -0.0000

Achromatomaly

90.9090, 10.6820, 4.6500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 90.6450, 29.3410, 13.4130 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(127, 74, 81)` looks like.

```
.text, #text, p{  
    color:rgb(127, 74, 81)  
}
```

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(127, 74, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 74, 81) }
```

Border

The CSS property to change the border of an element to YIQ 90.6450, 29.3410, 13.4130 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(127, 74, 81) }
```


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

```
.border{ border-color:rgb(127, 74, 81) }
```

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

Here you see how a box with a 4 pixel rgb(127, 74, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 74, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 74, 81);  
box-shadow:4px 4px 4px 4px rgb(127, 74,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 90.6450, 29.3410, 13.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 74, 81) }
```

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

```
.background{ background-color: rgb(127, 74,  
81) }
```

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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