

Converting Colors

YIQ(109.9430, 13.3420, 0.4940)

Have a look what the booklet for
YIQ(109.9430, 13.3420, 0.4940)
contains.

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Color

**YIQ(109.9430, 13.3420,
0.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	7B6A60
RGB	123, 106, 96
RGB Percent	48%, 42%, 38%
CMY	0.5176, 0.5843, 0.6235
CMYK	0.00, 0.14, 0.22, 0.52
HSL	22°, 12%, 43%
HSV	22°, 22%, 48%
XYZ	15.4350, 15.3630, 13.2219
YIQ	109.9430, 13.3420, 0.4940

Conversions

Conversions Part 2

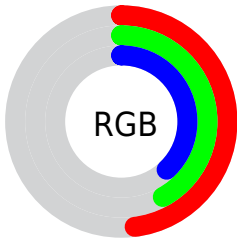
Format	Color
R_YB	123, 112, 96
Decimal	8088160
CIE Lab	46.13, 5.00, 8.08
CIE LCh	46, 9.498, 58.252
Yxy	15.3630, 0.3506, 0.3490
Android (android.graphics.Color)	4286278240 (0xFF7B6A60)
YUV	109.9430, -6.8739, 11.4510
Hunter-Lab	39.1957, 1.6995, 7.4366

Details

The YIQ color **109.9430, 13.3420, 0.4940** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **109.0570, -13.3420, -0.4940**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.4270, 14.8550, 0.6070**, and **62.4590, 11.8290, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **103.8790, 19.3940, 0.9460**, and if you desaturate by 10%, it is **116.0070, 7.2900, 0.0420**.

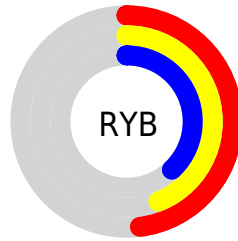
Distribution



Red (48%)

Green (42%)

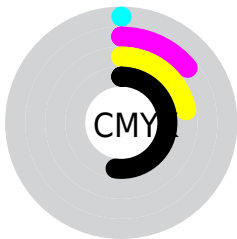
Blue (38%)



Red (48%)

Yellow (44%)

Blue (38%)

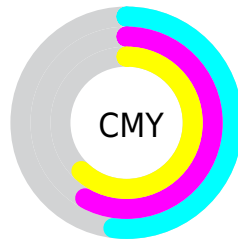


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (52%)



Cyan (52%)

Magenta (58%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.9430, 13.3420, 0.4940 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 109.9430, 13.3420, 0.4940 by changing the saturation by 10% instead.

■ 109.9430, 13.3420,
0.4940

■ 109.9430, 13.3420,
0.4940

255.0000, -0.0000,
-0.0000

■ 85.6440, 12.7460,
0.2820

■ 161.5410, 14.5340,
0.9180

■ 62.4590, 11.8290,
0.3810

■ 188.4270, 14.8550,
0.6070

■ 40.2740, 10.9120,
0.4800

■ 216.6120, 15.7720,
0.5080

■ 19.0030, 13.1130,
-0.8630

■ 243.1170, 12.7920,
-0.5520

■ 0.0000, 0.0000,
0.0000

■ 109.9430, 13.3420,

■ 109.9430, 13.3420,

0.4940

0.4940

■ 103.8790, 19.3940,
0.9460

■ 116.0070, 7.2900,
0.0420

■ 97.7010, 25.7670,
1.0870

■ 122.1850, 0.9170,
-0.0990

■ 92.2240, 31.5440,
1.0160

■ 127.6620, -4.8600,
-0.0280

■ 86.1600, 37.5960,
1.4680

■ 133.7260,
-10.9120, -0.4800

■ 80.0960, 43.6480,
1.9200

■ 139.9040,
-17.2850, -0.6210

■ 73.9180, 50.0210,
2.0610

■ 145.9680,
-23.3370, -1.0730

■ 68.4410, 55.7980,
1.9900

■ 151.4450,
-29.1140, -1.0020

■ 63.1920, 60.9330,
2.5410

■ 157.5090,
-35.1660, -1.4540

■ 163.6870,
-41.5390, -1.5950

Harmonies

Analogous

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



110.3500, 13.7540, 4.0420



109.9430, 13.3420, 0.4940



109.2690, 9.3080, -3.4920

Triad

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



109.9430, 13.3420, 0.4940



106.4390, -11.7820, -6.7420



109.7210, -3.3480, 5.6120

Complementary

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



109.9430, 13.3420, 0.4940



109.0570, -13.3420, -0.4940

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.



108.7200, -10.7750, 2.5450



109.9430, 13.3420, 0.4940



106.7530, -15.5420, -4.6780

Square

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



109.9430, 13.3420, 0.4940



107.1470, -5.0880, -6.9120



107.1600, -15.1300, -1.1300



110.6680, 4.1710, 7.0110

Rectangle

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



109.9430, 13.3420, 0.4940



108.1760, 5.1360, -4.9760



107.1600, -15.1300, -1.1300



109.5250, -5.7320, 4.7640

Sweetspot

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



109.9430, 13.3420, 0.4940



155.5230, 5.7770, -0.0710



106.0110, 10.6350, 11.0110



78.2670, 3.6220, 0.4380



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.



109.9430, 13.3420, 0.4940



140.3630, 20.9070, 1.0590



117.5740, 9.7670, -6.3050



57.9680, 3.0260, 0.2260



64.3770, 61.8500, 2.4420



129.9390, 124.6170, 4.7850

Inverse Universe

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



109.0570, -13.3420, -0.4940



139.0500, -20.6320, -0.5360



101.4260, -9.7670, 6.3050



58.0320, -3.0260, -0.2260



60.6230, -61.8500, -2.4420



122.0610, -124.6170, -4.7850

Previews

White Background



This preview shows how the YIQ color 109.9430, 13.3420, 0.4940 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 × Fail

Black Background



This preview shows how the YIQ color 109.9430, 13.3420, 0.4940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

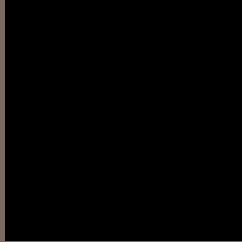
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.9430, 13.3420, 0.4940

Background



This preview shows how black text looks on a background with the YIQ color 109.9430, 13.3420, 0.4940.



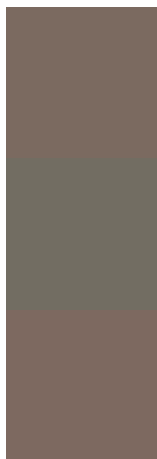
This preview shows how white text looks on a background with the YIQ color 109.9430, 13.3420,

0.4940.

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

109.9430, 13.3420, 0.4940

Protanopia

109.2410, 6.5110, -2.3610

Deuteranopia

109.9540, 14.8090, 1.4410



Tritanopia

111.1910, 9.9480, 6.9400

Trichromacy



Original Color

109.9430, 13.3420, 0.4940

Protanomaly

109.4370, 8.8950, -1.5130

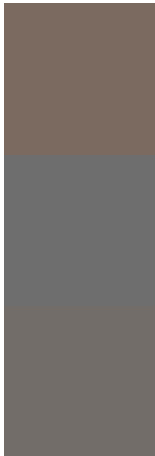
Deuteranomaly

109.6550, 14.2130, 1.2290

Tritanomaly

110.7950, 11.0030, 4.3390

Monochromacy



Original Color

109.9430, 13.3420, 0.4940

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.3380, 4.8600, 0.0280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.9430, 13.3420, 0.4940 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, 106, 96)` looks like.

```
.text, #text, p{  
    color:rgb(123, 106, 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(123, 106, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 106, 96) }
```

Border

The CSS property to change the border of an element to YIQ 109.9430, 13.3420, 0.4940 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, 106, 96) }
```


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

```
.border{ border-color:rgb(123, 106, 96) }
```

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

Here you see how a box with a 4 pixel rgb(123, 106, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 106, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 106, 96);  
box-shadow:4px 4px 4px 4px rgb(123, 106,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 109.9430, 13.3420, 0.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 106, 96) }
```

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

```
.background{ background-color: rgb(123,  
106, 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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