

Converting Colors

YIQ(103.4240, 10.9100, 11.5340)

Have a look what the booklet for
YIQ(103.4240, 10.9100, 11.5340)
contains.

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Color

**YIQ(103.4240, 10.9100,
11.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	795D6F
RGB	121, 93, 111
RGB Percent	47%, 36%, 44%
CMY	0.5254, 0.6353, 0.5647
CMYK	0.00, 0.23, 0.08, 0.53
HSL	321°, 13%, 42%
HSV	321°, 23%, 47%
XYZ	14.6709, 13.0409, 16.7850
YIQ	103.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

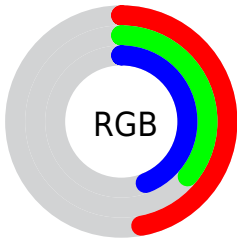
Format	Color
R_{YB}	121, 93, 111
Decimal	7953775
CIE _{Lab}	42.82, 14.66, -5.82
CIE _{LCh}	43, 15.768, 338.354
Yxy	13.0409, 0.3297, 0.2931
Android (android.graphics.Color)	4286143855 (0xFF795D6F)
YUV	103.4240, 3.7350, 15.4142
Hunter-Lab	36.1122, 9.3210, -2.2796

Details

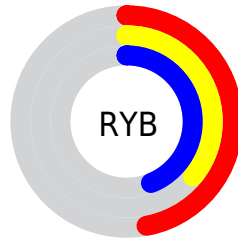
The YIQ color **103.4240, 10.9100, 11.5340** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **110.5760, -10.9100, -11.5340**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5490, 12.0560, 12.7920**, and **56.2990, 9.7640, 10.2760** is the 20% darker color. If you saturate the color by 10%, you get **95.9240, 15.4940, 16.5660**, and if you desaturate by 10%, it is **110.9240, 6.3260, 6.5020**.

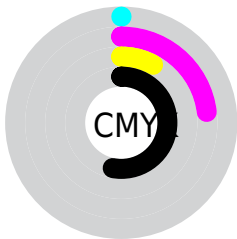
Distribution



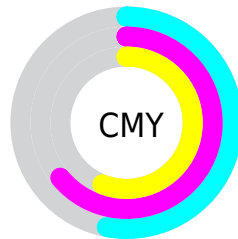
- Red (47%)
- Green (36%)
- Blue (44%)



- Red (47%)
- Yellow (36%)
- Blue (44%)



- Cyan (0%)
- Magenta (23%)
- Yellow (8%)
- Black (53%)



- Cyan (53%)
- Magenta (64%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.4240, 10.9100, 11.5340 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 103.4240, 10.9100, 11.5340 by changing the saturation by 10% instead.

■ 103.4240, 10.9100,
11.5340

■ 103.4240, 10.9100,
11.5340

255.0000, -0.0000,
-0.0000

■ 79.1250, 10.3140,
11.3220

■ 154.5490, 12.0560,
12.7920

■ 56.2990, 9.7640,
10.2760

■ 181.5490, 12.0560,
12.7920

■ 34.0000, 9.1680,
10.0640

■ 208.8480, 12.6520,
13.0040

■ 11.3640, 11.1390,
12.8910

■ 236.3640, 11.1390,
12.8910

■ 0.0000, 0.0000,
0.0000

254.4130, 0.2750,
0.5230

103.4240, 10.9100,
11.5340

103.4240, 10.9100,
11.5340

95.9240, 15.4940,
16.5660

110.9240, 6.3260,
6.5020

88.3100, 20.3990,
21.2870

118.5380, 1.4210,
1.7810

80.8100, 24.9830,
26.3190

126.0380, -3.1630,
-3.2510

73.3100, 29.5670,
31.3510

133.5380, -7.7470,
-8.2830

65.1090, 34.7470,
36.5950

141.7390,
-12.9270, -13.5270

57.6090, 39.3310,
41.6270

149.2390,
-17.5110, -18.5590

50.1090, 43.9150,
46.6590


156.7390,
-22.0950, -23.5910

45.0710, 47.0780,

164.3530,

49.9100

-27.0000, -28.3120

 171.8530,
-31.5840, -33.3440

Harmonies

Analogous

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



103.1390, -1.4690, 10.1070



103.4240, 10.9100, 11.5340



103.1490, 18.9340, 9.2860

Triad

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



103.4240, 10.9100, 11.5340



99.8300, 11.9220, -6.8140



95.8700, -29.1130, -6.5290

Complementary

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



103.4240, 10.9100, 11.5340



110.5760, -10.9100, -11.5340

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.



95.8720, -23.4270, -10.4590



103.4240, 10.9100, 11.5340



98.5620, 0.8730, -10.3190

Square

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



103.4240, 10.9100, 11.5340



101.2980, 19.5320, -1.5560



97.0920, -12.4230, -11.6470



98.0110, -24.8960, -0.3520

Rectangle

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



103.4240, 10.9100, 11.5340



103.0090, 22.1440, 6.1760



97.0920, -12.4230, -11.6470



95.4140, -27.8290, -7.7730

Sweetspot

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



103.4240, 10.9100, 11.5340



151.0870, 4.3090, 4.5090



99.1820, -3.0280, 10.8280



75.2500, 2.2920, 2.5160



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.



103.4240, 10.9100, 11.5340



130.3480, 17.2360, 18.0360



101.8280, 15.4040, 7.1800



57.2500, 2.2920, 2.5160



46.4950, 48.8200, 51.3800



93.8160, 98.1900, 103.8060

Inverse Universe

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



103.4240, 10.9100, 11.5340



130.3480, 17.2360, 18.0360



112.1720, -15.4040, -7.1800



57.2500, 2.2920, 2.5160



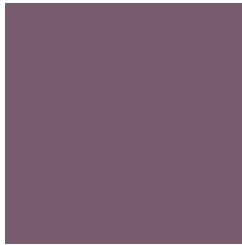
46.4950, 48.8200, 51.3800



93.8160, 98.1900, 103.8060

Previews

White Background



This preview shows how the YIQ color 103.4240, 10.9100, 11.5340 looks on a white background.

Color Contrast Check

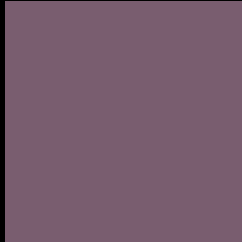
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.4240, 10.9100, 11.5340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

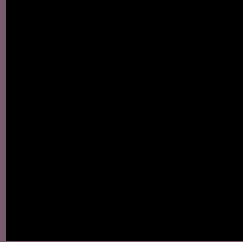
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.4240, 10.9100, 11.5340

Background



This preview shows how black text looks on a background with the YIQ color 103.4240, 10.9100, 11.5340.



This preview shows how white text looks on a background with the YIQ color 103.4240, 10.9100,

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

103.4240, 10.9100, 11.5340

Protanopia

102.1120, -6.0070, 4.2410

Deuteranopia

102.0590, 1.5120, 5.6400



Tritanopia

103.2730, 12.6530, 7.4770

Trichromacy



Original Color

103.4240, 10.9100, 11.5340

Protanomaly

102.5150, 0.2280, 6.8840

Deuteranomaly

102.3800, 5.0420, 7.7460

Tritanomaly

103.0280, 11.9650, 8.9330

Monochromacy



Original Color

103.4240, 10.9100, 11.5340

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.4240, 10.9100, 11.5340 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(121, 93, 111)` looks like.

```
.text, #text, p{  
    color:rgb(121, 93, 111)  
}
```

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(121, 93, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 93, 111) }
```

Border

The CSS property to change the border of an element to YIQ 103.4240, 10.9100, 11.5340 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(121, 93, 111) }
```


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

```
.border{ border-color:rgb(121, 93, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 93, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 93, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 93, 111);  
box-shadow:4px 4px 4px 4px rgb(121, 93,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 103.4240, 10.9100, 11.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 93, 111) }
```

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

```
.background{ background-color: rgb(121, 93,  
111) }
```

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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