

Converting Colors

YIQ(95.4350, 12.3770, 12.4810)

Have a look what the booklet for
YIQ(95.4350, 12.3770, 12.4810)
contains.

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Color

**YIQ(95.4350, 12.3770,
12.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	735467
RGB	115, 84, 103
RGB Percent	45%, 33%, 40%
CMY	0.5489, 0.6706, 0.5960
CMYK	0.00, 0.27, 0.10, 0.55
HSL	323°, 16%, 39%
HSV	323°, 27%, 45%
XYZ	12.6910, 10.9644, 14.2817
YIQ	95.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

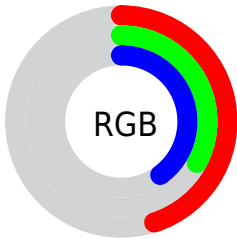
Format	Color
R_{YB}	115, 84, 103
Decimal	7558247
CIE _{Lab}	39.52, 16.25, -5.89
CIE _{LCh}	40, 17.282, 340.062
Yxy	10.9644, 0.3345, 0.2890
Android (android.graphics.Color)	4285748327 (0xFF735467)
YUV	95.4350, 3.7295, 17.1585
Hunter-Lab	33.1125, 10.4668, -2.3935

Details

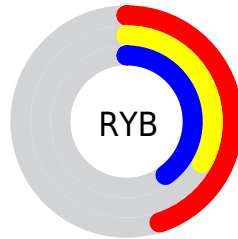
The YIQ color **95.4350, 12.3770, 12.4810** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **103.5650, -12.3770, -12.4810**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **146.1470, 13.2480, 13.2160**, and **48.4240, 10.9100, 11.5340** is the 20% darker color. If you saturate the color by 10%, you get **87.9350, 16.9610, 17.5130**, and if you desaturate by 10%, it is **102.3480, 8.0680, 7.9720**.

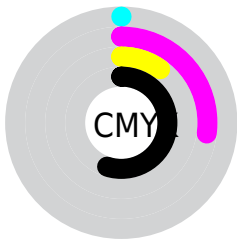
Distribution



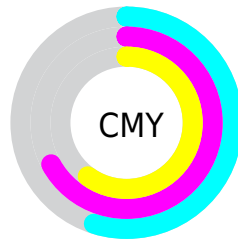
- Red (45%)
- Green (33%)
- Blue (40%)



- Red (45%)
- Yellow (33%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (10%)
- Black (55%)



- Cyan (55%)
- Magenta (67%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 95.4350, 12.3770, 12.4810 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 95.4350, 12.3770, 12.4810 by changing the saturation by 10% instead.

■ 95.4350, 12.3770,
12.4810

■ 95.4350, 12.3770,
12.4810

■ 255.0000, -0.0000,
-0.0000

■ 71.7230, 11.5060,
11.7460

■ 146.1470, 13.2480,
13.2160

■ 48.4240, 10.9100,
11.5340

■ 172.8590, 14.1190,
13.9510

■ 27.7120, 10.0390,
10.7990

■ 200.1580, 14.7150,
14.1630

■ 8.9570, 10.7270,
9.3430

■ 228.5710, 14.9900,
14.6860

■ 0.0000, 0.0000,
0.0000

■ 247.9560, 3.3000,
6.2760

95.4350, 12.3770,
12.4810

95.4350, 12.3770,
12.4810

87.9350, 16.9610,
17.5130

102.3480, 8.0680,
7.9720

80.9080, 21.5910,
21.7110

109.9620, 3.1630,
3.2510

73.4080, 26.1750,
26.7430

116.8750, -1.1460,
-1.2580

66.3810, 30.8050,
30.9410

124.4890, -6.0510,
-5.9790

58.8810, 35.3890,
35.9730

131.9890,
-10.6350, -11.0110

51.8540, 40.0190,
40.1710

139.0160,
-15.2650, -15.2090

44.3540, 44.6030,
45.2030


146.5160,
-19.8490, -20.2410

42.3650, 46.0700,

153.5430,

46.1500

-24.4790, -24.4390

 161.0430,
-29.0630, -29.4710

Harmonies

Analogous

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



94.9650, -0.9190, 11.1530



95.4350, 12.3770, 12.4810



95.0460, 20.7220, 9.9220

Triad

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



95.4350, 12.3770, 12.4810



92.1890, 12.2890, -7.9590



86.6030, -32.7350, -6.9670

Complementary

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



95.4350, 12.3770, 12.4810



103.5650, -12.3770, -12.4810

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.



86.4910, -26.7280, -11.2080



95.4350, 12.3770, 12.4810



90.4370, -0.2730, -11.5770

Square

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



95.4350, 12.3770, 12.4810



93.3690, 20.7700, -1.9660



88.1950, -14.2110, -12.2830



89.3420, -27.3260, -0.3660

Rectangle

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



95.4350, 12.3770, 12.4810



94.6070, 23.3360, 6.6000



88.1950, -14.2110, -12.2830



86.7340, -31.7260, -8.7340

Sweetspot

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



95.4350, 12.3770, 12.4810



142.5000, 4.5840, 5.0320



91.1220, -2.7990, 12.1850



71.9620, 3.1630, 3.2510



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



95.4350, 12.3770, 12.4810



119.7720, 18.9780, 19.5060



93.7250, 17.1920, 7.8160



55.1360, 2.6130, 2.2050



45.0280, 48.6370, 49.1890



92.1920, 99.8870, 100.5830

Inverse Universe

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



95.4350, 12.3770, 12.4810



119.7720, 18.9780, 19.5060



105.2750, -17.1920, -7.8160



55.1360, 2.6130, 2.2050



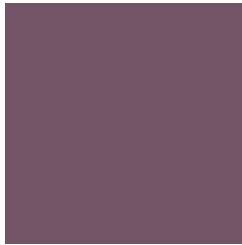
45.0280, 48.6370, 49.1890



92.1920, 99.8870, 100.5830

Previews

White Background



This preview shows how the YIQ color 95.4350, 12.3770, 12.4810 looks on a white background.

Color Contrast Check

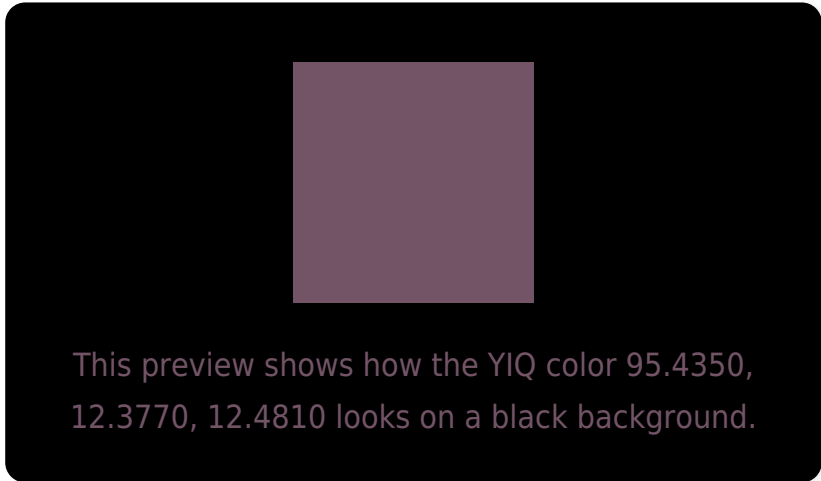
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

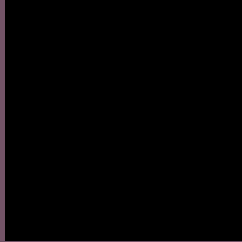
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 95.4350, 12.3770, 12.4810

Background



This preview shows how black text looks on a background with the YIQ color 95.4350, 12.3770, 12.4810.



This preview shows how white text looks on a background with the YIQ color 95.4350, 12.3770,

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

95.4350, 12.3770, 12.4810

Protanopia

93.9270, -6.9240, 4.3400

Deuteranopia

94.6460, 1.2370, 5.1170



Tritanopia

95.0560, 14.7620, 7.8020

Trichromacy



Original Color

95.4350, 12.3770, 12.4810

Protanomaly

94.6290, -0.0930, 7.1950

Deuteranomaly

94.6790, 5.6380, 7.9580

Tritanomaly

94.9250, 13.7530, 9.5690

Monochromacy



Original Color

95.4350, 12.3770, 12.4810

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.0870, 4.3090, 4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.4350, 12.3770, 12.4810 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(115, 84, 103)` looks like.

```
.text, #text, p{  
    color:rgb(115, 84, 103)  
}
```

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(115, 84, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 84, 103) }
```

Border

The CSS property to change the border of an element to YIQ 95.4350, 12.3770, 12.4810 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(115, 84, 103) }
```


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

```
.border{ border-color:rgb(115, 84, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 84, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 84, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 84, 103);  
box-shadow:4px 4px 4px 4px rgb(115, 84,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 95.4350, 12.3770, 12.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 84, 103) }
```

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

```
.background{ background-color: rgb(115, 84,  
103) }
```

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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