

Converting Colors

YIQ(98.7390, 14.5770, 16.6650)

Have a look what the booklet for
YIQ(98.7390, 14.5770, 16.6650)
contains.

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Color

**YIQ(98.7390, 14.5770,
16.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	7B546F
RGB	123, 84, 111
RGB Percent	48%, 33%, 44%
CMY	0.5175, 0.6706, 0.5647
CMYK	0.00, 0.32, 0.10, 0.52
HSL	318°, 19%, 41%
HSV	318°, 32%, 48%
XYZ	14.2112, 11.6990, 16.5508
YIQ	98.7390, 14.5770, 16.6650

Conversions

Conversions Part 2

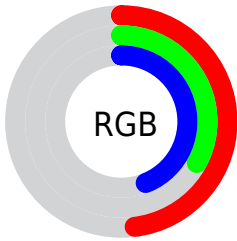
Format	Color
R_{YB}	123, 84, 111
Decimal	8082543
CIE _{Lab}	40.73, 20.84, -8.92
CIE _{LCh}	41, 22.667, 336.824
Yxy	11.6990, 0.3347, 0.2755
Android (android.graphics.Color)	4286272623 (0xFF7B546F)
YUV	98.7390, 6.0447, 21.2769
Hunter-Lab	34.2039, 14.3074, -4.7469

Details

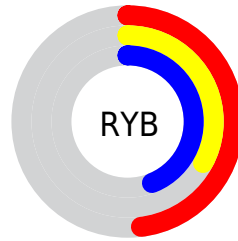
The YIQ color **98.7390, 14.5770, 16.6650** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **108.2610, -14.5770, -16.6650**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8640, 15.7230, 17.9230**, and **51.3150, 12.8350, 15.1950** is the 20% darker color. If you saturate the color by 10%, you get **91.2390, 19.1610, 21.6970**, and if you desaturate by 10%, it is **106.2390, 9.9930, 11.6330**.

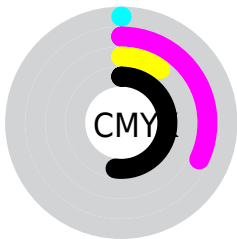
Distribution



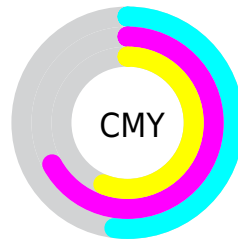
- Red (48%)
- Green (33%)
- Blue (44%)



- Red (48%)
- Yellow (33%)
- Blue (44%)



- Cyan (0%)
- Magenta (32%)
- Yellow (10%)
- Black (52%)



- Cyan (52%)
- Magenta (67%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.7390, 14.5770, 16.6650 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 98.7390, 14.5770, 16.6650 by changing the saturation by 10% instead.

■ 98.7390, 14.5770,
16.6650

■ 98.7390, 14.5770,
16.6650

■ 255.0000, -0.0000,
-0.0000

■ 74.4400, 13.9810,
16.4530

■ 149.8640, 15.7230,
17.9230

■ 51.3150, 12.8350,
15.1950

■ 176.5760, 16.5940,
18.6580

■ 29.0160, 12.2390,
14.9830

■ 204.5760, 16.5940,
18.6580

■ 11.9620, 12.3310,
13.3150

■ 230.4940, 13.8890,
18.1210

■ 0.0000, 0.0000,
0.0000

■ 248.5430, 3.0250,
5.7530

98.7390, 14.5770,
16.6650

98.7390, 14.5770,
16.6650

91.2390, 19.1610,
21.6970

106.2390, 9.9930,
11.6330

83.1520, 24.0200,
27.2520

114.3260, 5.1340,
6.0780

75.7660, 28.2830,
32.5950

121.7120, 0.8710,
0.7350

68.2660, 32.8670,
37.6270

129.2120, -3.7130,
-4.2970

60.1790, 37.7260,
43.1820

137.2990, -8.5720,
-9.8520

52.6790, 42.3100,
48.2140


144.7990,
-13.1560, -14.8840

46.4670, 46.0230,
52.5110

152.2990,
-17.7400, -19.9160

159.6850,

-22.0030, -25.2590

 167.7720,
-26.8620, -30.8140

Harmonies

Analogous

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



98.2900, -3.2120, 14.1640



98.7390, 14.5770, 16.6650



98.0900, 26.5900, 13.7100

Triad

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



98.7390, 14.5770, 16.6650



94.1740, 16.6450, -9.8110



83.7580, -49.4690, -12.0690

Complementary

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



98.7390, 14.5770, 16.6650



108.2610, -14.5770, -16.6650

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.



85.5820, -37.4100, -15.8580



98.7390, 14.5770, 16.6650



92.5140, 0.8280, -15.0120

Square

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



98.7390, 14.5770, 16.6650



96.0770, 27.4640, -2.1360



89.4070, -17.9240, -16.5800



89.0460, -41.1720, -2.7400

Rectangle

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



98.7390, 14.5770, 16.6650



97.3090, 30.1670, 9.4550



89.4070, -17.9240, -16.5800



83.9600, -47.2220, -14.2460

Sweetspot

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



98.7390, 14.5770, 16.6650



151.0380, 6.0050, 6.8130



92.0340, -5.3670, 14.6730



75.7880, 3.7130, 4.2970



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.



98.7390, 14.5770, 16.6650



123.0270, 22.8740, 25.9940



96.5730, 20.6760, 10.7560



57.2500, 2.2920, 2.5160



47.1790, 46.8940, 53.2460



95.2980, 94.0170, 107.8490

Inverse Universe

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



98.7390, 14.5770, 16.6650



123.0270, 22.8740, 25.9940



110.4270, -20.6760, -10.7560



57.2500, 2.2920, 2.5160



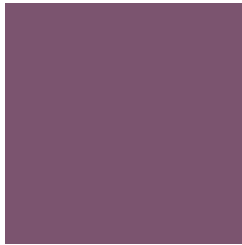
47.1790, 46.8940, 53.2460



95.2980, 94.0170, 107.8490

Previews

White Background



This preview shows how the YIQ color 98.7390, 14.5770, 16.6650 looks on a white background.

Color Contrast Check

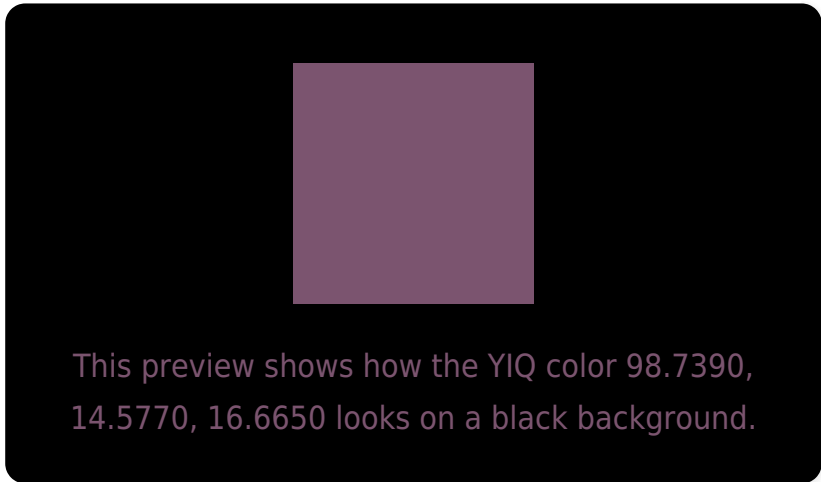
Large Text (above 18pt) WCAG AA ✓ Pass

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

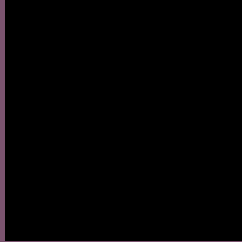
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.7390, 14.5770, 16.6650

Background



This preview shows how black text looks on a background with the YIQ color 98.7390, 14.5770, 16.6650.



This preview shows how white text looks on a background with the YIQ color 98.7390, 14.5770,

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

98.7390, 14.5770, 16.6650

Protanopia

96.5400, -10.0880, 6.6160

Deuteranopia

97.5040, -1.2390, 5.9370



Tritanopia

97.9640, 18.0170, 9.3850

Trichromacy



Original Color

98.7390, 14.5770, 16.6650

Protanomaly

97.4380, -0.8730, 10.3190

Deuteranomaly

97.6620, 4.3080, 10.0360

Tritanomaly

98.3600, 16.9620, 11.9860

Monochromacy



Original Color

98.7390, 14.5770, 16.6650

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.2120, 5.4550, 5.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.7390, 14.5770, 16.6650 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, 84, 111)` looks like.

```
.text, #text, p{  
    color:rgb(123, 84, 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(123, 84, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 84, 111) }
```

Border

The CSS property to change the border of an element to YIQ 98.7390, 14.5770, 16.6650 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, 84, 111) }
```


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

```
.border{ border-color:rgb(123, 84, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 84, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 84, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 84, 111);  
box-shadow:4px 4px 4px 4px rgb(123, 84,  
111) }
```

Background

The CSS property to change the background color of an element to YIQ 98.7390, 14.5770, 16.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 84, 111) }
```

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

```
.background{ background-color: rgb(123, 84,  
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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