

Converting Colors

YIQ(98.8350, 5.4990, 15.9870)

Have a look what the booklet for
YIQ(98.8350, 5.4990, 15.9870)
contains.

YIQ(98.8350, 5.4990, 15.9870)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(98.8350, 5.4990,
15.9870)**

Conversions

Conversions Part 1

Format	Color
Hex	725778
RGB	114, 87, 120
RGB Percent	45%, 34%, 47%
CMY	0.5529, 0.6589, 0.5294
CMYK	0.05, 0.28, 0.00, 0.53
HSL	289°, 16%, 41%
HSV	289°, 28%, 47%
XYZ	13.7396, 11.7495, 19.3127
YIQ	98.8350, 5.4990, 15.9870

Conversions

Conversions Part 2

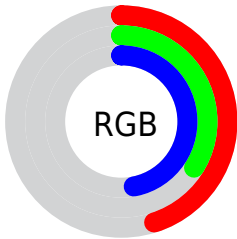
Format	Color
R_{YB}	114, 87, 120
Decimal	7493496
CIE _{Lab}	40.82, 17.52, -14.41
CIE _{LCh}	41, 22.686, 320.551
Yxy	11.7495, 0.3067, 0.2623
Android (android.graphics.Color)	4285683576 (0xFF725778)
YUV	98.8350, 10.4343, 13.2997
Hunter-Lab	34.2775, 11.5635, -9.4111

Details

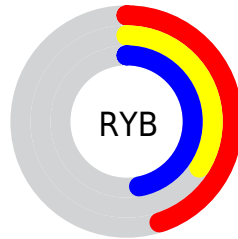
The YIQ color **98.8350, 5.4990, 15.9870** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **108.1650, -5.4990, -15.9870**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.6610, 6.0490, 17.0330**, and **51.5960, 4.6740, 14.4180** is the 20% darker color. If you saturate the color by 10%, you get **91.1930, 7.6070, 21.8390**, and if you desaturate by 10%, it is **106.4770, 3.3910, 10.1350**.

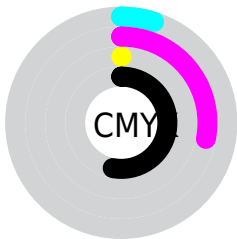
Distribution



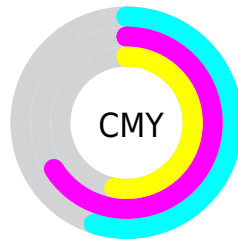
- Red (45%)
- Green (34%)
- Blue (47%)



- Red (45%)
- Yellow (34%)
- Blue (47%)



- Cyan (5%)
- Magenta (28%)
- Yellow (0%)
- Black (53%)



- Cyan (55%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.8350, 5.4990, 15.9870 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 98.8350, 5.4990, 15.9870 by changing the saturation by 10% instead.

■ 98.8350, 5.4990,
15.9870

■ 98.8350, 5.4990,
15.9870

■ 255.0000, -0.0000,
-0.0000

■ 74.4220, 5.2240,
15.4640

■ 149.6610, 6.0490,
17.0330

■ 51.5960, 4.6740,
14.4180

■ 176.4870, 6.5990,
18.0790

■ 30.1830, 4.3990,
13.8950

■ 204.4870, 6.5990,
18.0790

■ 10.6670, 5.9120,
14.0080

■ 231.7860, 7.1950,
18.2910

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.2000,
4.1840

98.8350, 5.4990,
15.9870

98.8350, 5.4990,
15.9870

91.1930, 7.6070,
21.8390

106.4770, 3.3910,
10.1350

83.5510, 9.7150,
27.6910

114.1190, 1.2830,
4.2830

75.9090, 11.8230,
33.5430

122.0600, -0.2290,
-1.3570

67.9680, 13.3350,
39.1830

129.7020, -2.3370,
-7.2090

60.3260, 15.4430,
45.0350

137.3440, -4.4450,
-13.0610

52.6840, 17.5510,
50.8870

144.9860, -6.5530,
-18.9130

45.0420, 19.6590,
56.7390


152.6280, -8.6610,
-24.7650

42.9820, 19.8880,

160.2700,

58.0960

-10.7690, -30.6170

 168.2110,
-12.2810, -36.2570

Harmonies

Analogous

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



97.0220, -14.2610, 10.6590



98.8350, 5.4990, 15.9870



99.0340, 20.9960, 15.9720

Triad

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



98.8350, 5.4990, 15.9870



95.5170, 23.1090, -5.8110



84.2160, -45.0670, -14.7550

Complementary

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



98.8350, 5.4990, 15.9870



108.1650, -5.4990, -15.9870

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.



88.0300, -27.0480, -16.4240



98.8350, 5.4990, 15.9870



93.7710, 10.4100, -12.4540

Square

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



98.8350, 5.4990, 15.9870



96.7940, 29.9390, 2.5710



91.6810, -7.0120, -16.1000



85.6490, -47.5440, -8.4080

Rectangle

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



98.8350, 5.4990, 15.9870



98.1610, 27.8280, 13.3000



91.6810, -7.0120, -16.1000



84.9130, -39.8400, -15.8720

Sweetspot

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



98.8350, 5.4990, 15.9870



147.4720, 1.7870, 6.1630



94.2840, -12.2430, 7.1250



74.0050, 1.6040, 3.9720



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.



98.8350, 5.4990, 15.9870



122.4860, 8.3400, 25.0760



99.4890, 12.2850, 14.1490



57.1790, 1.0540, 2.9260



44.7480, 20.6670, 60.4990



90.6210, 42.4800, 122.2560

Inverse Universe

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



97.5510, 17.7420, 8.8620



120.6880, 27.7820, 14.1340



107.5110, -12.2850, -14.1490



56.9080, 3.2550, 1.5830



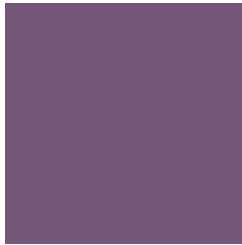
39.9970, 67.1170, 33.6530



80.5920, 135.4260, 67.7300

Previews

White Background



This preview shows how the YIQ color 98.8350, 5.4990, 15.9870 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 98.8350, 5.4990, 15.9870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

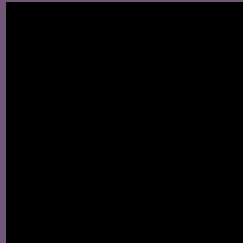
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.8350, 5.4990, 15.9870

Background



This preview shows how black text looks on a background with the YIQ color 98.8350, 5.4990, 15.9870.



This preview shows how white text looks on a background with the YIQ color 98.8350, 5.4990,

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

98.8350, 5.4990, 15.9870

Protanopia

96.4410, -14.1230, 8.1570

Deuteranopia

97.1490, -7.4290, 7.9870



Tritanopia

97.7780, 9.6730, 6.4170

Trichromacy



Original Color

98.8350, 5.4990, 15.9870

Protanomaly

97.1430, -7.2920, 11.0120

Deuteranomaly

97.4810, -2.4320, 11.0400

Tritanomaly

98.4020, 7.9760, 9.6400

Monochromacy



Original Color

98.8350, 5.4990, 15.9870

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.0590, 1.5120, 5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.8350, 5.4990, 15.9870 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(114, 87, 120)` looks like.

```
.text, #text, p{  
    color:rgb(114, 87, 120)  
}
```

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(114, 87, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 87, 120) }
```

Border

The CSS property to change the border of an element to YIQ 98.8350, 5.4990, 15.9870 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(114, 87, 120) }
```


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

```
.border{ border-color:rgb(114, 87, 120) }
```

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

Here you see how a box with a 4 pixel rgb(114, 87, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 87, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 87, 120);  
box-shadow:4px 4px 4px 4px rgb(114, 87,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 98.8350, 5.4990, 15.9870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 87, 120) }
```

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

```
.background{ background-color: rgb(114, 87,  
120) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor