

Converting Colors

YIQ(103.3470, 9.8090, 14.9690)

Have a look what the booklet for
YIQ(103.3470, 9.8090, 14.9690)
contains.

YIQ(103.3470, 9.8090, 14.9690)	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(103.3470, 9.8090,
14.9690)**

Conversions

Conversions Part 1

Format	Color
Hex	7A5B76
RGB	122, 91, 118
RGB Percent	48%, 36%, 46%
CMY	0.5215, 0.6432, 0.5372
CMYK	0.00, 0.25, 0.03, 0.52
HSL	308°, 15%, 42%
HSV	308°, 25%, 48%
XYZ	15.0396, 12.9273, 18.8435
YIQ	103.3470, 9.8090, 14.9690

Conversions

Conversions Part 2

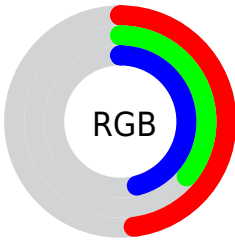
Format	Color
R _Y B	122, 91, 118
Decimal	8018806
CIE Lab	42.65, 17.62, -10.33
CIE LCh	43, 20.425, 329.627
Yxy	12.9273, 0.3213, 0.2762
Android (android.graphics.Color)	4286208886 (0xFF7A5B76)
YUV	103.3470, 7.2239, 16.3587
Hunter-Lab	35.9546, 11.7448, -5.9052




Details

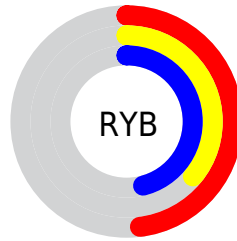
The YIQ color **103.3470, 9.8090, 14.9690** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **109.6530, -9.8090, -14.9690**, and the grayscale version is **103.0000, -0.0000, 0.0000**.




A 20% lighter version of the original color is **154.4720, 10.9550, 16.2270**, and **56.2220, 8.6630, 13.7110** is the 20% darker color. If you saturate the color by 10%, you get **96.0750, 13.7510, 20.6230**, and if you desaturate by 10%, it is **110.6190, 5.8670, 9.3150**.

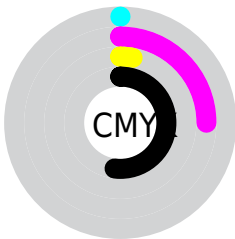
Distribution







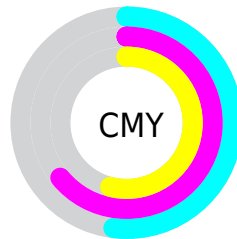
-  Red (48%)
-  Green (36%)
-  Blue (46%)






-  Red (48%)
-  Yellow (36%)
-  Blue (46%)



-  Cyan (0%)
-  Magenta (25%)
-  Yellow (3%)
-  Black (52%)



-  Cyan (52%)
-  Magenta (64%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.3470, 9.8090, 14.9690 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 103.3470, 9.8090, 14.9690 by changing the saturation by 10% instead.

103.3470, 9.8090,
14.9690

103.3470, 9.8090,
14.9690

255.0000, -0.0000,
-0.0000

78.9340, 9.5340,
14.4460

154.4720, 10.9550,
16.2270

56.2220, 8.6630,
13.7110

181.4720, 10.9550,
16.2270

33.8090, 8.3880,
13.1880

209.1840, 11.8260,
16.9620

12.0480, 9.2130,
14.7570

236.1020, 9.1210,
16.4250

0.0000, 0.0000,
0.0000

253.2390, 0.8250,
1.5690

103.3470, 9.8090,
14.9690

103.3470, 9.8090,
14.9690

96.0750, 13.7510,
20.6230

110.6190, 5.8670,
9.3150

88.9170, 17.3720,
26.5880

117.7770, 2.2460,
3.3500

81.0580, 21.5890,
32.7650

125.6360, -1.9710,
-2.8270

73.9000, 25.2100,
38.7300

132.7940, -5.5920,
-8.7920

66.6280, 29.1520,
44.3840

140.0660, -9.5340,
-14.4460

59.4700, 32.7730,
50.3490

147.2240,
-13.1550, -20.4110

52.1980, 36.7150,
56.0030


154.4960,
-17.0970, -26.0650

48.5620, 38.6860,

162.3550,

58.8300

-21.3140, -32.2420

 169.5130,
-24.9350, -38.2070

Harmonies

Analogous

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



101.9690, -6.7420, 12.0580



103.3470, 9.8090, 14.9690



103.0510, 22.3260, 13.8940

Triad

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



103.3470, 9.8090, 14.9690



100.1250, 18.3410, -7.5070



91.9610, -39.7950, -11.1790

Complementary

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



103.3470, 9.8090, 14.9690



109.6530, -9.8090, -14.9690

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.



93.0130, -28.3780, -14.3460



103.3470, 9.8090, 14.9690



98.1340, 4.9540, -12.6940

Square

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



103.3470, 9.8090, 14.9690



101.3590, 26.7300, 0.1540



95.2830, -11.6430, -14.7710



94.2590, -37.4580, -3.9700

Rectangle

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



103.3470, 9.8090, 14.9690



102.8680, 27.0950, 10.0630



95.2830, -11.6430, -14.7710



91.5760, -37.2730, -12.8330

Sweetspot

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



103.3470, 9.8090, 14.9690



150.1410, 4.2170, 6.1770



95.7300, -7.5670, 10.4890



74.1900, 2.5210, 3.8730



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.



103.3470, 9.8090, 14.9690



128.5530, 15.4010, 23.7610



101.6370, 14.6240, 10.3040



57.3640, 1.9710, 2.8270



49.8010, 39.5110, 60.3990



100.4280, 79.5720, 121.8440

Inverse Universe

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



103.3470, 9.8090, 14.9690



128.5530, 15.4010, 23.7610



111.3630, -14.6240, -10.3040



57.3640, 1.9710, 2.8270



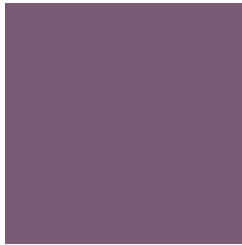
49.8010, 39.5110, 60.3990



100.4280, 79.5720, 121.8440

Previews

White Background



This preview shows how the YIQ color 103.3470, 9.8090, 14.9690 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 103.3470, 9.8090, 14.9690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

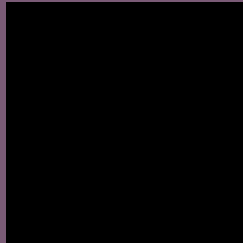
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.3470, 9.8090, 14.9690

Background



This preview shows how black text looks on a background with the YIQ color 103.3470, 9.8090, 14.9690.



This preview shows how white text looks on a background with the YIQ color 103.3470, 9.8090,

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

103.3470, 9.8090, 14.9690

Protanopia

101.2410, -10.6840, 6.4040

Deuteranopia

101.6610, -3.1190, 6.9690



Tritanopia

102.5720, 13.2490, 7.6890

Trichromacy



Original Color

103.3470, 9.8090, 14.9690

Protanomaly

102.2420, -3.2570, 9.4710

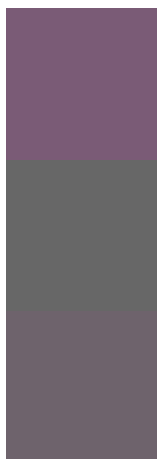
Deuteranomaly

101.9930, 1.8780, 10.0220

Tritanomaly

102.9680, 12.1940, 10.2900

Monochromacy



Original Color

103.3470, 9.8090, 14.9690

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.3150, 3.6670, 5.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.3470, 9.8090, 14.9690 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(122, 91, 118)` looks like.

```
.text, #text, p{  
    color:rgb(122, 91, 118)  
}
```

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(122, 91, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 91, 118) }
```

Border

The CSS property to change the border of an element to YIQ 103.3470, 9.8090, 14.9690 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(122, 91, 118) }
```


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

```
.border{ border-color:rgb(122, 91, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 91, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 91, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 91, 118);  
box-shadow:4px 4px 4px 4px rgb(122, 91,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 103.3470, 9.8090, 14.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 91, 118) }
```

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

```
.background{ background-color: rgb(122, 91,  
118) }
```

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