

Converting Colors

YIQ(100.7000, 10.3130, 16.8490)

Have a look what the booklet for
YIQ(100.7000, 10.3130, 16.8490)
contains.

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Color

**YIQ(100.7000, 10.3130,
16.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	795776
RGB	121, 87, 118
RGB Percent	47%, 34%, 46%
CMY	0.5254, 0.6589, 0.5372
CMYK	0.00, 0.28, 0.02, 0.53
HSL	305°, 16%, 41%
HSV	305°, 28%, 47%
XYZ	14.5661, 12.1890, 18.7259
YIQ	100.7000, 10.3130, 16.8490

Conversions

Conversions Part 2

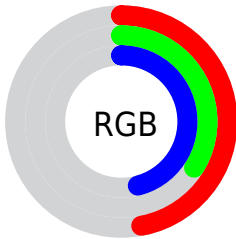
Format	Color
R_{YB}	121, 87, 118
Decimal	7952246
CIE Lab	41.51, 19.66, -12.06
CIE LCh	42, 23.064, 328.479
Yxy	12.1890, 0.3203, 0.2680
Android (android.graphics.Color)	4286142326 (0xFF795776)
YUV	100.7000, 8.5289, 17.8031
Hunter-Lab	34.9127, 13.3753, -7.3620

Details

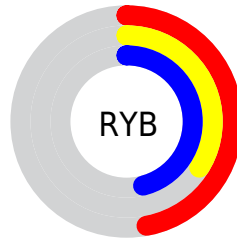
The YIQ color $100.7000, 10.3130, 16.8490$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $107.3000, -10.3130, -16.8490$, and the grayscale version is $101.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $151.8250, 11.4590, 18.1070$, and $53.5750, 9.1670, 15.5910$ is the 20% darker color. If you saturate the color by 10%, you get $93.5420, 13.9340, 22.8140$, and if you desaturate by 10%, it is $107.8580, 6.6920, 10.8840$.

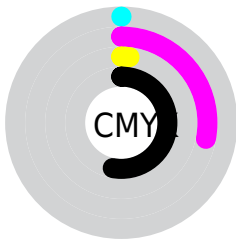
Distribution



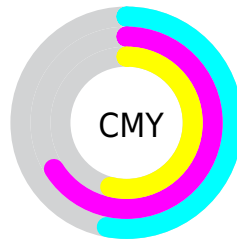
- Red (47%)
- Green (34%)
- Blue (46%)



- Red (47%)
- Yellow (34%)
- Blue (46%)



- Cyan (0%)
- Magenta (28%)
- Yellow (2%)
- Black (53%)



- Cyan (53%)
- Magenta (66%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 100.7000, 10.3130, 16.8490 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 100.7000, 10.3130, 16.8490 by changing the saturation by 10% instead.

■ 100.7000, 10.3130,
16.8490

■ 100.7000, 10.3130,
16.8490

■ 255.0000, -0.0000,
-0.0000

■ 76.2870, 10.0380,
16.3260

■ 151.8250, 11.4590,
18.1070

■ 53.5750, 9.1670,
15.5910

■ 178.8250, 11.4590,
18.1070

■ 31.7490, 8.6170,
14.5450

■ 206.5370, 12.3300,
18.8420

■ 12.0480, 9.2130,
14.7570

■ 233.7540, 10.2210,
18.5170

■ 0.0000, 0.0000,
0.0000

■ 250.3040, 2.2000,
4.1840

100.7000, 10.3130,
16.8490

100.7000, 10.3130,
16.8490

93.5420, 13.9340,
22.8140

107.8580, 6.6920,
10.8840

86.3840, 17.5550,
28.7790

115.0160, 3.0710,
4.9190

79.2260, 21.1760,
34.7440

122.1740, -0.5500,
-1.0460

72.0680, 24.7970,
40.7090

129.3320, -4.1710,
-7.0110

64.3230, 28.6930,
47.1970

137.0770, -8.0670,
-13.4990

57.1650, 32.3140,
53.1620

144.2350,
-11.6880, -19.4640

49.8930, 36.2560,
58.8160


151.5070,
-15.6300, -25.1180

48.7190, 36.8060,

158.6650,

59.8620

-19.2510, -31.0830

 165.8230,
-22.8720, -37.0480

Harmonies

Analogous

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



99.1260, -8.6220, 13.0900



100.7000, 10.3130, 16.8490



100.4750, 24.0680, 15.3640

Triad

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



100.7000, 10.3130, 16.8490



96.6800, 21.0920, -7.8040



85.1770, -49.3310, -14.5710

Complementary

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



100.7000, 10.3130, 16.8490



107.3000, -10.3130, -16.8490

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.



88.0940, -33.1000, -16.8760



100.7000, 10.3130, 16.8490



94.6780, 6.2380, -13.9380

Square

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



100.7000, 10.3130, 16.8490



98.3270, 29.7560, 0.3800



92.0440, -12.4680, -16.3400



88.7140, -46.1690, -5.7930

Rectangle

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



100.7000, 10.3130, 16.8490



99.5910, 29.4330, 11.7450



92.0440, -12.4680, -16.3400



85.6890, -45.0210, -15.5890

Sweetspot

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



100.7000, 10.3130, 16.8490



150.2550, 3.8960, 6.4880



91.7730, -9.1260, 11.2100



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.



100.7000, 10.3130, 16.8490



125.7320, 16.4550, 26.6870



98.7620, 15.7700, 11.5620



57.4780, 1.6500, 3.1380



50.3710, 37.9060, 61.9540



101.5680, 76.3620, 124.9540

Inverse Universe

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



100.7000, 10.3130, 16.8490



125.7320, 16.4550, 26.6870



109.2380, -15.7700, -11.5620



57.4780, 1.6500, 3.1380



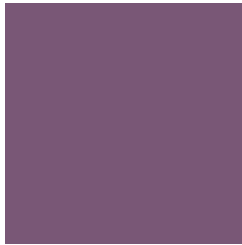
50.3710, 37.9060, 61.9540



101.5680, 76.3620, 124.9540

Previews

White Background



This preview shows how the YIQ color 100.7000, 10.3130, 16.8490 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 100.7000, 10.3130, 16.8490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

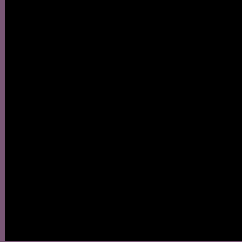
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 100.7000, 10.3130, 16.8490

Background



This preview shows how black text looks on a background with the YIQ color 100.7000, 10.3130, 16.8490.



This preview shows how white text looks on a background with the YIQ color 100.7000, 10.3130,

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

100.7000, 10.3130, 16.8490

Protanopia

98.3980, -12.5640, 7.4360

Deuteranopia

99.1770, -4.6320, 6.8560



Tritanopia

99.8710, 13.8450, 7.9010

Trichromacy



Original Color

100.7000, 10.3130, 16.8490

Protanomaly

98.9970, -3.9450, 10.9270

Deuteranomaly

99.9220, 0.6400, 10.4320

Tritanomaly

100.3810, 12.4690, 10.8130

Monochromacy



Original Color

100.7000, 10.3130, 16.8490

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

100.8420, 3.6210, 5.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 100.7000, 10.3130, 16.8490 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, 87, 118)` looks like.

```
.text, #text, p{  
    color:rgb(121, 87, 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(121, 87, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 87, 118) }
```

Border

The CSS property to change the border of an element to YIQ 100.7000, 10.3130, 16.8490 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, 87, 118) }
```


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

```
.border{ border-color:rgb(121, 87, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 87, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 87, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 87, 118);  
box-shadow:4px 4px 4px 4px rgb(121, 87,  
118) }
```

Background

The CSS property to change the background color of an element to YIQ 100.7000, 10.3130, 16.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 87, 118) }
```

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

```
.background{ background-color: rgb(121, 87,  
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](#).

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