

Converting Colors

YIQ(103.5800, 10.7710, 19.5630)

Have a look what the booklet for
YIQ(103.5800, 10.7710, 19.5630)
contains.

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Color

**YIQ(103.5800, 10.7710,
19.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	7E587D
RGB	126, 88, 125
RGB Percent	49%, 35%, 49%
CMY	0.5058, 0.6550, 0.5098
CMYK	0.00, 0.30, 0.01, 0.51
HSL	302°, 18%, 42%
HSV	302°, 30%, 49%
XYZ	15.7988, 12.8954, 21.0596
YIQ	103.5800, 10.7710, 19.5630

Conversions

Conversions Part 2

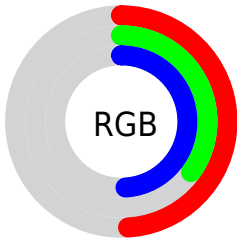
Format	Color
R_{YB}	126, 88, 125
Decimal	8280189
CIE _{Lab}	42.61, 22.31, -14.62
CIE _{LCh}	43, 26.670, 326.760
Yxy	12.8954, 0.3175, 0.2592
Android (android.graphics.Color)	4286470269 (0xFF7E587D)
YUV	103.5800, 10.5601, 19.6623
Hunter-Lab	35.9102, 15.6886, -9.6336

Details

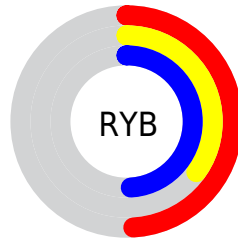
The YIQ color **103.5800, 10.7710, 19.5630** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **110.4200, -10.7710, -19.5630**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8190, 11.5960, 21.1320**, and **56.0420, 9.3500, 17.7820** is the 20% darker color. If you saturate the color by 10%, you get **95.9490, 14.3460, 26.3620**, and if you desaturate by 10%, it is **111.2110, 7.1960, 12.7640**.

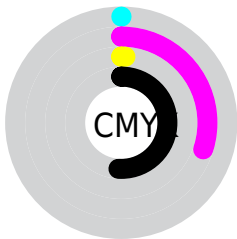
Distribution



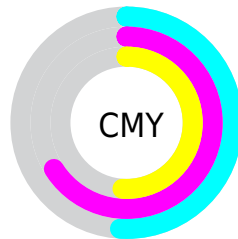
- Red (49%)
- Green (35%)
- Blue (49%)



- Red (49%)
- Yellow (35%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.5800, 10.7710, 19.5630 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 103.5800, 10.7710, 19.5630 by changing the saturation by 10% instead.

103.5800, 10.7710,
19.5630

103.5800, 10.7710,
19.5630

255.0000, -0.0000,
-0.0000

79.1670, 10.4960,
19.0400

154.8190, 11.5960,
21.1320

55.4550, 9.6250,
18.3050

182.1180, 12.1920,
21.3440

33.6290, 9.0750,
17.2590

209.5310, 12.4670,
21.8670

13.5150, 9.3960,
16.9480

234.4550, 9.6250,
18.3050

0.5700, -1.6050,
1.5550

251.4780, 1.6500,
3.1380

0.0000, 0.0000,
0.0000

■ 103.5800, 10.7710,
19.5630

■ 103.5800, 10.7710,
19.5630

■ 95.9490, 14.3460,
26.3620

■ 111.2110, 7.1960,
12.7640

■ 88.7910, 17.9670,
32.3270

■ 118.3690, 3.5750,
6.7990

■ 81.1600, 21.5420,
39.1260

■ 126.0000, 0.0000,
0.0000

■ 74.1160, 24.8420,
45.4020

■ 133.0440, -3.3000,
-6.2760

■ 66.3710, 28.7380,
51.8900

■ 140.7890, -7.1960,
-12.7640

■ 58.7400, 32.3130,
58.6890


■ 148.4200,
-10.7710, -19.5630

■ 51.6960, 35.6130,
64.9650

■ 155.4640,
-14.0710, -25.8390

■ 163.2090,

-17.9670, -32.3270

 170.2530,
-21.2670, -38.6030

Harmonies

Analogous

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



102.2120, -11.7400, 14.5320



103.5800, 10.7710, 19.5630



103.3230, 27.5520, 18.3040

Triad

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



103.5800, 10.7710, 19.5630



98.8930, 24.8060, -9.0340



79.4240, -69.3200, -21.2560

Complementary

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



103.5800, 10.7710, 19.5630



110.4200, -10.7710, -19.5630

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.



88.1640, -39.2890, -20.3530



103.5800, 10.7710, 19.5630



96.8800, 8.4850, -16.1150

Square

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



103.5800, 10.7710, 19.5630



100.7790, 34.2950, 0.7190



93.8650, -13.5220, -19.2660



85.2820, -62.6280, -10.3720

Rectangle

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



103.5800, 10.7710, 19.5630



102.5100, 34.1550, 14.2750



93.8650, -13.5220, -19.2660



81.6160, -61.1130, -21.3130

Sweetspot

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



103.5800, 10.7710, 19.5630



154.7820, 3.8500, 7.3220



92.6310, -11.6020, 12.0300



76.6030, 2.7960, 4.3960



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.



103.5800, 10.7710, 19.5630



128.2530, 16.5460, 30.5460



101.4140, 16.8700, 13.6540



59.8910, 1.9250, 3.6610



52.4080, 36.4840, 65.7000



0.0000, 0.0000, 0.0000

Inverse Universe

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



103.5800, 10.7710, 19.5630



128.2530, 16.5460, 30.5460



112.5860, -16.8700, -13.6540



59.8910, 1.9250, 3.6610



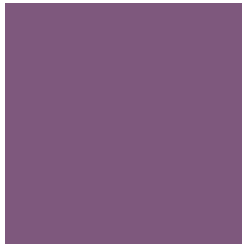
52.4080, 36.4840, 65.7000



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 103.5800, 10.7710, 19.5630 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 103.5800, 10.7710, 19.5630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

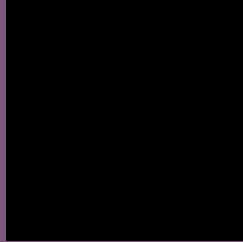
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.5800, 10.7710, 19.5630

Background



This preview shows how black text looks on a background with the YIQ color 103.5800, 10.7710, 19.5630.



This preview shows how white text looks on a background with the YIQ color 103.5800, 10.7710,

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

103.5800, 10.7710, 19.5630

Protanopia

101.3700, -15.3610, 8.5670

Deuteranopia

102.0350, -7.1080, 7.6760



Tritanopia

102.7680, 15.6330, 8.5370

Trichromacy



Original Color

103.5800, 10.7710, 19.5630

Protanomaly

102.2680, -6.1460, 12.2700

Deuteranomaly

102.4920, -0.9650, 11.9870

Tritanomaly

102.9190, 13.8900, 12.5940

Monochromacy



Original Color

103.5800, 10.7710, 19.5630

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.7820, 3.8500, 7.3220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.5800, 10.7710, 19.5630 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(126, 88, 125)` looks like.

```
.text, #text, p{  
    color:rgb(126, 88, 125)  
}
```

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(126, 88, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 88, 125) }
```

Border

The CSS property to change the border of an element to YIQ 103.5800, 10.7710, 19.5630 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(126, 88, 125) }
```


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

```
.border{ border-color:rgb(126, 88, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 88, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 88, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 88, 125);  
box-shadow:4px 4px 4px 4px rgb(126, 88,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 103.5800, 10.7710, 19.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 88, 125) }
```

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

```
.background{ background-color: rgb(126, 88,  
125) }
```

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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