

Converting Colors

YIQ(103.7300, 27.9640, 21.8520)

Have a look what the booklet for
YIQ(103.7300, 27.9640, 21.8520)
contains.

YIQ(103.7300, 27.9640, 21.8520)	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(103.7300, 27.9640,
21.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	90526E
RGB	144, 82, 110
RGB Percent	56%, 32%, 43%
CMY	0.4351, 0.6785, 0.5685
CMYK	0.00, 0.43, 0.24, 0.44
HSL	333°, 27%, 44%
HSV	333°, 43%, 56%
XYZ	17.3400, 13.0900, 16.3711
YIQ	103.7300, 27.9640, 21.8520

Conversions

Conversions Part 2

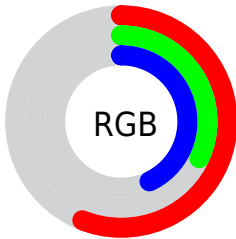
Format	Color
R_{YB}	144, 82, 110
Decimal	9458286
CIE _{Lab}	42.90, 29.71, -4.80
CIE _{LCh}	43, 30.091, 350.821
Yxy	13.0900, 0.3705, 0.2797
Android (android.graphics.Color)	4287648366 (0xFF90526E)
YUV	103.7300, 3.0911, 35.3168
Hunter-Lab	36.1802, 22.2341, -1.5019

Details

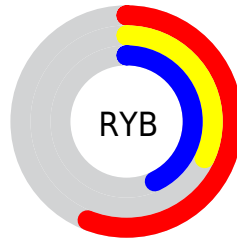
The YIQ color **103.7300, 27.9640, 21.8520** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **122.2700, -27.9640, -21.8520**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **156.0400, 30.0270, 23.0110**, and **54.5340, 25.5800, 21.0040** is the 20% darker color. If you saturate the color by 10%, you get **94.6000, 34.3820, 26.6860**, and if you desaturate by 10%, it is **112.8600, 21.5460, 17.0180**.

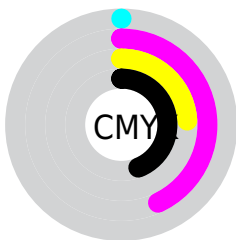
Distribution



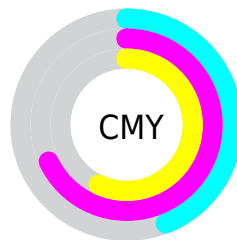
- Red (56%)
- Green (32%)
- Blue (43%)



- Red (56%)
- Yellow (32%)
- Blue (43%)



- Cyan (0%)
- Magenta (43%)
- Yellow (24%)
- Black (44%)



- Cyan (44%)
- Magenta (68%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.7300, 27.9640, 21.8520 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 103.7300, 27.9640, 21.8520 by changing the saturation by 10% instead.

103.7300, 27.9640,
21.8520

103.7300, 27.9640,
21.8520

255.0000, -0.0000,
-0.0000

78.8330, 26.1760,
21.2160

156.0400, 30.0270,
23.0110

54.6480, 25.2590,
21.3150

183.0510, 31.4940,
23.9580

29.9900, 24.2960,
22.2480

210.6380, 31.2190,
23.4350

15.4360, 19.8040,
15.5480

230.3800, 14.2100,
17.8100

0.0000, 0.0000,
0.0000

247.9560, 3.3000,
6.2760

103.7300, 27.9640,
21.8520

103.7300, 27.9640,
21.8520

94.6000, 34.3820,
26.6860

112.8600, 21.5460,
17.0180

84.8830, 41.0750,
32.0430

122.5770, 14.8530,
11.6610

75.7530, 47.4930,
36.8770

131.7070, 8.4350,
6.8270

66.0360, 54.1860,
42.2340

141.4240, 1.7420,
1.4700

57.0200, 60.2830,
47.3790

150.4400, -4.3550,
-3.6750


50.4660, 64.9590,
50.7430

159.5700,
-10.7730, -8.5090

169.2870,
-17.4660, -13.8660

178.4170,

-23.8840, -18.7000

 188.1340,
-30.5770, -24.0570

Harmonies

Analogous

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



104.1930, 7.6070, 21.8390



103.7300, 27.9640, 21.8520



102.3750, 38.9690, 15.1370

Triad

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



103.7300, 27.9640, 21.8520



97.6910, 13.3910, -16.9210



81.5900, -75.4190, -15.3470

Complementary

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



103.7300, 27.9640, 21.8520



122.2700, -27.9640, -21.8520

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.



80.3700, -69.2280, -22.9240



103.7300, 27.9640, 21.8520



94.2520, -10.3580, -21.5420

Square

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



103.7300, 27.9640, 21.8520



99.9430, 30.5370, -8.2710



87.3870, -41.5350, -23.7030



92.7770, -50.4800, 0.7520

Rectangle

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



103.7300, 27.9640, 21.8520



101.8170, 40.3000, 7.5320



87.3870, -41.5350, -23.7030



81.4930, -73.7680, -17.7360

Sweetspot

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



103.7300, 27.9640, 21.8520



170.4300, 10.7730, 8.5090



98.9350, -0.2340, 26.2780



84.2830, 6.6930, 5.3570



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



103.7300, 27.9640, 21.8520



123.0190, 43.6880, 34.2480



101.7120, 36.4020, 12.0980



66.4350, 3.2090, 2.4170



47.3190, 60.8790, 47.5910



2.7340, 3.8050, 2.6290

Inverse Universe

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



103.7300, 27.9640, 21.8520



123.0190, 43.6880, 34.2480



124.2880, -36.4020, -12.0980



66.4350, 3.2090, 2.4170



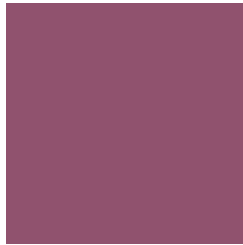
47.3190, 60.8790, 47.5910



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 103.7300, 27.9640, 21.8520 looks on a white background.

Color Contrast Check

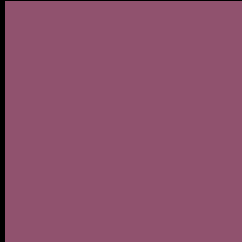
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.7300, 27.9640, 21.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

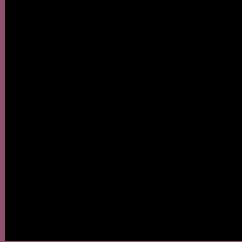
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.7300, 27.9640, 21.8520

Background



This preview shows how black text looks on a background with the YIQ color 103.7300, 27.9640, 21.8520.



This preview shows how white text looks on a background with the YIQ color 103.7300, 27.9640,

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

103.7300, 27.9640, 21.8520

Protanopia

102.1980, -9.1250, 5.6830

Deuteranopia

102.9020, 3.3920, 4.6080



Tritanopia

102.8410, 31.7250, 14.2610

Trichromacy



Original Color

103.7300, 27.9640, 21.8520

Protanomaly

102.7160, 4.2160, 11.7040

Deuteranomaly

103.3810, 12.4690, 10.8130

Tritanomaly

103.3510, 30.3490, 17.1730

Monochromacy



Original Color

103.7300, 27.9640, 21.8520

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.0170, 10.4980, 7.9860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.7300, 27.9640, 21.8520 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(144, 82, 110)` looks like.

```
.text, #text, p{  
    color:rgb(144, 82, 110)  
}
```

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(144, 82, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 82, 110) }
```

Border

The CSS property to change the border of an element to YIQ 103.7300, 27.9640, 21.8520 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(144, 82, 110) }
```


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

```
.border{ border-color:rgb(144, 82, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 82, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 82, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 82, 110);  
box-shadow:4px 4px 4px 4px rgb(144, 82,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 103.7300, 27.9640, 21.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 82, 110) }
```

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

```
.background{ background-color: rgb(144, 82,  
110) }
```

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