

Converting Colors

YIQ(103.0280, 3.9380, 27.7620)

Have a look what the booklet for
YIQ(103.0280, 3.9380, 27.7620)
contains.

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Color

**YIQ(103.0280, 3.9380,
27.7620)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5492
RGB	124, 84, 146
RGB Percent	49%, 33%, 57%
CMY	0.5136, 0.6706, 0.4275
CMYK	0.15, 0.42, 0.00, 0.43
HSL	279°, 27%, 45%
HSV	279°, 42%, 57%
XYZ	16.6738, 12.7008, 28.7634
YIQ	103.0280, 3.9380, 27.7620

Conversions

Conversions Part 2

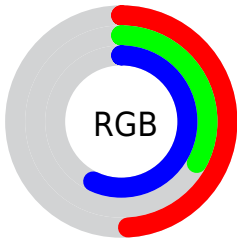
Format	Color
R_{YB}	124, 84, 146
Decimal	8148114
CIE _{Lab}	42.31, 28.57, -27.80
CIE _{LCh}	42, 39.859, 315.785
Yxy	12.7008, 0.2868, 0.2185
Android (android.graphics.Color)	4286338194 (0xFF7C5492)
YUV	103.0280, 21.1852, 18.3924
Hunter-Lab	35.6381, 21.1471, -22.9061

Details

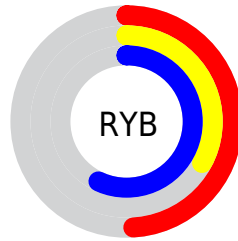
The YIQ color **103.0280, 3.9380, 27.7620** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **126.9720, -3.9380, -27.7620**, and the grayscale version is **103.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **154.6800, 5.0380, 29.8540**, and **54.3760, 2.8380, 25.6700** is the 20% darker color. If you saturate the color by 10%, you get **92.7280, 5.0830, 34.5470**, and if you desaturate by 10%, it is **113.3280, 2.7930, 20.9770**.

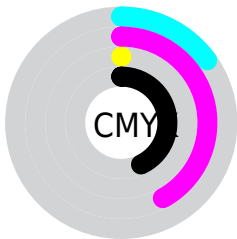
Distribution



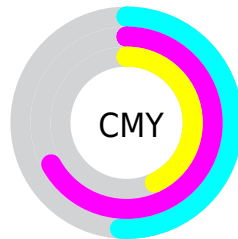
- Red (49%)
- Green (33%)
- Blue (57%)



- Red (49%)
- Yellow (33%)
- Blue (57%)



- Cyan (15%)
- Magenta (42%)
- Yellow (0%)
- Black (43%)



- Cyan (51%)
- Magenta (67%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.0280, 3.9380, 27.7620 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 103.0280, 3.9380, 27.7620 by changing the saturation by 10% instead.

103.0280, 3.9380,
27.7620

103.0280, 3.9380,
27.7620

255.0000, -0.0000,
-0.0000

78.2020, 3.3880,
26.7160

154.6800, 5.0380,
29.8540

54.6750, 3.4340,
25.8820

182.0930, 5.3130,
30.3770

31.5500, 2.2880,
24.6240

209.3920, 5.9090,
30.5890

14.1430, 1.8760,
21.0760

232.1070, 10.7250,
20.3970

3.6650, -8.9420,
7.8740

249.1300, 2.7500,
5.2300

0.0000, 0.0000,
0.0000

■ 103.0280, 3.9380,
27.7620

■ 103.0280, 3.9380,
27.7620

■ 92.7280, 5.0830,
34.5470

■ 113.3280, 2.7930,
20.9770

■ 83.0150, 5.9530,
40.8090

■ 123.0410, 1.9230,
14.7150

■ 72.7150, 7.0980,
47.5940

■ 133.6400, 1.3740,
8.1420

■ 62.7030, 7.3720,
53.6440

■ 143.3530, 0.5040,
1.8800

■ 52.4030, 8.5170,
60.4290

■ 153.6530, -0.6410,
-4.9050

■ 44.7500, 9.1580,
65.3340

■ 163.9530, -1.7860,
-11.6900

■ 173.6660, -2.6560,
-17.9520

■ 183.9660, -3.8010,

-24.7370

■ 193.9780, -4.0750,
-30.7870

Harmonies

Analogous

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



97.3480, -35.4900, 15.4380



103.0280, 3.9380, 27.7620



101.6370, 32.9600, 30.4320

Triad

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



103.0280, 3.9380, 27.7620



97.6360, 41.5870, -10.2930



81.4300, -69.4570, -24.2810

Complementary

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



103.0280, 3.9380, 27.7620



126.9720, -3.9380, -27.7620

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.



76.9670, -58.2680, -34.3320



103.0280, 3.9380, 27.7620



94.8950, 21.3240, -23.0280

Square

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



103.0280, 3.9380, 27.7620



98.5640, 51.2580, 7.1780



90.2210, -9.0730, -28.3130



83.5620, -78.2160, -14.2160

Rectangle

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



103.0280, 3.9380, 27.7620



99.7600, 45.6150, 26.8550



90.2210, -9.0730, -28.3130



80.0620, -65.6050, -28.0130

Sweetspot

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



103.0280, 3.9380, 27.7620



171.6340, 1.5110, 11.1670



104.5690, -26.2270, 7.2530



83.7000, 1.1450, 6.7850



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.



103.0280, 3.9380, 27.7620



121.8950, 6.4110, 43.5230



108.6940, 19.6180, 29.9380



68.9940, 0.1370, 3.0250



42.3430, 8.7460, 61.7860



3.2330, 0.9620, 4.5940

Inverse Universe

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



105.0460, 29.8900, 19.9860



124.9930, 46.5770, 31.4490



121.3060, -19.6180, -29.9380



69.3210, 3.5300, 2.1060



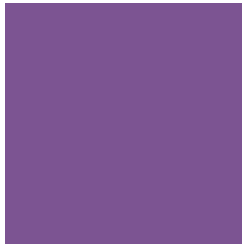
46.8480, 66.5190, 44.4950



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 103.0280, 3.9380, 27.7620 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 103.0280, 3.9380, 27.7620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

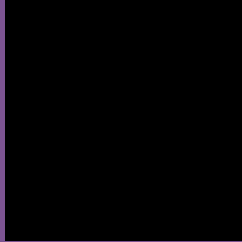
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.0280, 3.9380, 27.7620

Background



This preview shows how black text looks on a background with the YIQ color 103.0280, 3.9380, 27.7620.



This preview shows how white text looks on a background with the YIQ color 103.0280, 3.9380,

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

103.0280, 3.9380, 27.7620

Protanopia

98.8600, -31.1800, 14.4200

Deuteranopia

99.5310, -23.0640, 10.5040



Tritanopia

101.6750, 11.4610, 7.0530

Trichromacy



Original Color

103.0280, 3.9380, 27.7620

Protanomaly

100.5520, -18.3890, 19.3950

Deuteranomaly

101.1950, -13.0700, 16.6100

Tritanomaly

102.0480, 9.2130, 14.7570

Monochromacy



Original Color

103.0280, 3.9380, 27.7620

Achromatopsia

103.0000, -0.0000, 0.0000

Achromatomaly

103.1070, 1.5570, 10.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.0280, 3.9380, 27.7620 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(124, 84, 146)` looks like.

```
.text, #text, p{  
    color:rgb(124, 84, 146)  
}
```

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(124, 84, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 84, 146) }
```

Border

The CSS property to change the border of an element to YIQ 103.0280, 3.9380, 27.7620 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(124, 84, 146) }
```


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

```
.border{ border-color:rgb(124, 84, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 84, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 84, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 84, 146);  
box-shadow:4px 4px 4px 4px rgb(124, 84,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 103.0280, 3.9380, 27.7620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 84, 146) }
```

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

```
.background{ background-color: rgb(124, 84,  
146) }
```

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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