

Converting Colors

YIQ(96.7310, 9.0280, 23.6200)

Have a look what the booklet for
YIQ(96.7310, 9.0280, 23.6200)
contains.

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Color

**YIQ(96.7310, 9.0280,
23.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	784F7F
RGB	120, 79, 127
RGB Percent	47%, 31%, 50%
CMY	0.5293, 0.6903, 0.5020
CMYK	0.05, 0.38, 0.00, 0.50
HSL	291°, 23%, 40%
HSV	291°, 38%, 50%
XYZ	14.3757, 11.1172, 21.4667
YIQ	96.7310, 9.0280, 23.6200

Conversions

Conversions Part 2

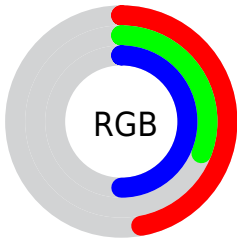
Format	Color
R _{YB}	120, 79, 127
Decimal	7884671
CIE _{Lab}	39.78, 25.98, -20.24
CIE _{LCh}	40, 32.932, 322.086
Yxy	11.1172, 0.3061, 0.2367
Android (android.graphics.Color)	4286074751 (0xFF784F7F)
YUV	96.7310, 14.9226, 20.4069
Hunter-Lab	33.3424, 18.6117, -14.8327

Details

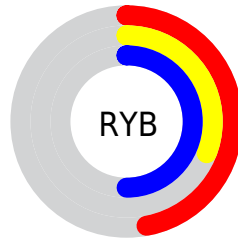
The YIQ color **96.7310, 9.0280, 23.6200** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **109.2690, -9.0280, -23.6200**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9700, 9.8530, 25.1890**, and **49.1930, 7.6070, 21.8390** is the 20% darker color. If you saturate the color by 10%, you get **88.5020, 11.4110, 29.9950**, and if you desaturate by 10%, it is **104.9600, 6.6450, 17.2450**.

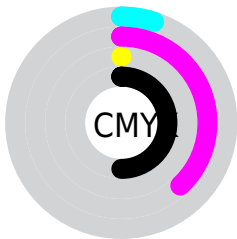
Distribution



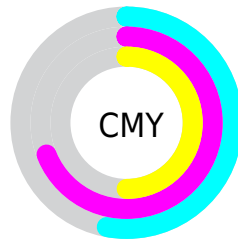
- Red (47%)
- Green (31%)
- Blue (50%)



- Red (47%)
- Yellow (31%)
- Blue (50%)



- Cyan (5%)
- Magenta (38%)
- Yellow (0%)
- Black (50%)



- Cyan (53%)
- Magenta (69%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.7310, 9.0280, 23.6200 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 96.7310, 9.0280, 23.6200 by changing the saturation by 10% instead.

■ 96.7310, 9.0280,
23.6200

■ 96.7310, 9.0280,
23.6200

■ 255.0000, -0.0000,
-0.0000

■ 72.3180, 8.7530,
23.0970

■ 147.9700, 9.8530,
25.1890

■ 49.1930, 7.6070,
21.8390

■ 174.7960, 10.4030,
26.2350

■ 26.1930, 7.6070,
21.8390

■ 202.2090, 10.6780,
26.7580

■ 12.5470, 6.3700,
16.7220

■ 228.5850, 12.3750,
23.5350

■ 0.6840, -1.9260,
1.8660

■ 245.0210, 4.6750,
8.8910

■ 0.0000, 0.0000,
0.0000

96.7310, 9.0280,
23.6200

96.7310, 9.0280,
23.6200

88.5020, 11.4110,
29.9950

104.9600, 6.6450,
17.2450

80.8600, 13.5190,
35.8470

112.6020, 4.5370,
11.3930

72.9300, 16.4980,
42.4340

120.8310, 2.1540,
5.0180

64.7010, 18.8810,
48.8090

128.7610, -0.8250,
-1.5690

56.4720, 21.2640,
55.1840

136.4030, -2.9330,
-7.4210

48.8300, 23.3720,
61.0360


144.6320, -5.3160,
-13.7960

47.0690, 24.1970,
62.6050

152.8610, -7.6990,
-20.1710

161.0900,

-10.0820, -26.5460

 168.7320,
-12.1900, -32.3980

Harmonies

Analogous

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



93.6610, -20.3140, 15.7340



96.7310, 9.0280, 23.6200



95.7520, 30.8980, 23.7460

Triad

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



96.7310, 9.0280, 23.6200



91.9600, 31.8670, -10.3490



75.6910, -65.6980, -20.8180

Complementary

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



96.7310, 9.0280, 23.6200



109.2690, -9.0280, -23.6200

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.



72.4990, -56.7100, -29.5260



96.7310, 9.0280, 23.6200



89.2240, 13.2080, -19.1120

Square

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



96.7310, 9.0280, 23.6200



93.2530, 41.7680, 2.9520



85.2300, -13.2920, -23.4360



77.0250, -72.2100, -12.9300

Rectangle

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



96.7310, 9.0280, 23.6200



94.3090, 39.3350, 19.5190



85.2300, -13.2920, -23.4360



74.6650, -62.8090, -23.6170

Sweetspot

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



96.7310, 9.0280, 23.6200



154.5370, 3.1620, 8.7780



88.5810, -17.3330, 11.2670



77.2440, 2.4290, 5.5410



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



96.7310, 9.0280, 23.6200



118.6860, 14.0690, 36.8930



96.8860, 18.6570, 19.8170



59.5920, 1.3290, 3.4490



47.1830, 23.8760, 62.9160



0.0000, 0.0000, 0.0000

Inverse Universe

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



94.1500, 26.3610, 12.3530



114.6790, 41.1690, 19.3210



109.1140, -18.6570, -19.8170



59.2070, 3.8510, 1.7950



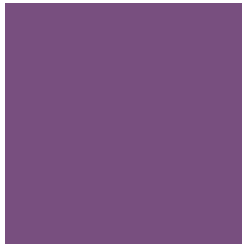
40.3240, 70.5100, 32.7340



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 96.7310, 9.0280, 23.6200 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 96.7310, 9.0280, 23.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

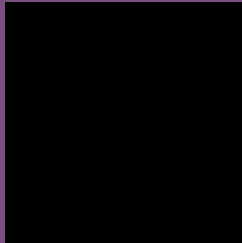
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.7310, 9.0280, 23.6200

Background



This preview shows how black text looks on a background with the YIQ color 96.7310, 9.0280, 23.6200.



This preview shows how white text looks on a background with the YIQ color 96.7310, 9.0280,

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

96.7310, 9.0280, 23.6200

Protanopia

93.9440, -22.7890, 11.0270

Deuteranopia

94.7400, -13.5270, 8.3690



Tritanopia

95.4690, 15.0370, 8.3250

Trichromacy



Original Color

96.7310, 9.0280, 23.6200

Protanomaly

95.0380, -11.1900, 15.5780

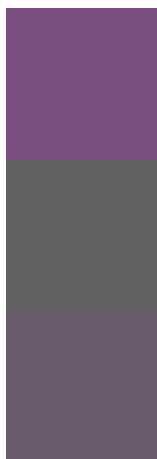
Deuteranomaly

95.5070, -5.3210, 13.8390

Tritanomaly

95.6740, 13.2020, 14.0500

Monochromacy



Original Color

96.7310, 9.0280, 23.6200

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

96.5370, 3.1620, 8.7780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.7310, 9.0280, 23.6200 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(120, 79, 127)` looks like.

```
.text, #text, p{  
    color:rgb(120, 79, 127)  
}
```

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(120, 79, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 79, 127) }
```

Border

The CSS property to change the border of an element to YIQ 96.7310, 9.0280, 23.6200 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(120, 79, 127) }
```


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

```
.border{ border-color:rgb(120, 79, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 79, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 79, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 79, 127);  
box-shadow:4px 4px 4px 4px rgb(120, 79,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 96.7310, 9.0280, 23.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 79, 127) }
```

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

```
.background{ background-color: rgb(120, 79,  
127) }
```

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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