

Converting Colors

YIQ(96.3650, 18.5660, 15.9580)

Have a look what the booklet for
YIQ(96.3650, 18.5660, 15.9580)
contains.

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Color

**YIQ(96.3650, 18.5660,
15.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	7C5167
RGB	124, 81, 103
RGB Percent	49%, 32%, 40%
CMY	0.5136, 0.6824, 0.5960
CMYK	0.00, 0.35, 0.17, 0.51
HSL	329°, 21%, 40%
HSV	329°, 35%, 49%
XYZ	13.7065, 11.1490, 14.2653
YIQ	96.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

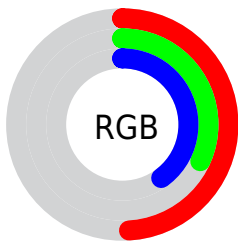
Format	Color
R_{YB}	124, 81, 103
Decimal	8147303
CIE Lab	39.83, 21.55, -5.32
CIE LCh	40, 22.198, 346.134
Yxy	11.1490, 0.3504, 0.2850
Android (android.graphics.Color)	4286337383 (0xFF7C5167)
YUV	96.3650, 3.2711, 24.2359
Hunter-Lab	33.3902, 14.8403, -1.9574

Details

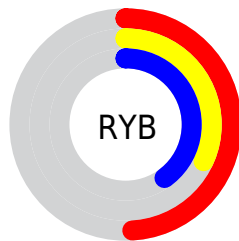
The YIQ color **96.3650, 18.5660, 15.9580** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **108.6350, -18.5660, -15.9580**, and the grayscale version is **96.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3760, 20.0330, 16.9050**, and **49.0550, 16.5030, 14.7990** is the 20% darker color. If you saturate the color by 10%, you get **88.6370, 23.7920, 20.3680**, and if you desaturate by 10%, it is **104.0930, 13.3400, 11.5480**.

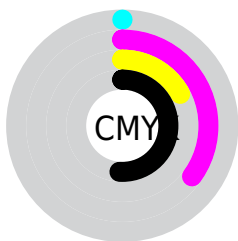
Distribution



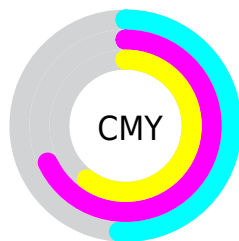
- Red (49%)
- Green (32%)
- Blue (40%)



- Red (49%)
- Yellow (32%)
- Blue (40%)



- Cyan (0%)
- Magenta (35%)
- Yellow (17%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.3650, 18.5660, 15.9580 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 96.3650, 18.5660, 15.9580 by changing the saturation by 10% instead.

■ 96.3650, 18.5660,
15.9580

■ 96.3650, 18.5660,
15.9580

255.0000, -0.0000,
-0.0000

■ 72.0660, 17.9700,
15.7460

■ 147.3760, 20.0330,
16.9050

■ 49.0550, 16.5030,
14.7990

■ 174.0880, 20.9040,
17.6400

■ 26.5710, 14.9900,
14.6860

■ 201.6860, 22.0960,
18.0640

■ 11.0500, 14.8990,
10.8270

■ 227.7070, 17.6030,
16.8910

■ 0.0000, 0.0000,
0.0000

■ 246.1950, 4.1250,
7.8450

96.3650, 18.5660,
15.9580

96.3650, 18.5660,
15.9580

88.6370, 23.7920,
20.3680

104.0930, 13.3400,
11.5480

80.3220, 29.2930,
25.3010

112.4080, 7.8390,
6.6150

72.5940, 34.5190,
29.7110

120.1360, 2.6130,
2.2050

64.2790, 40.0200,
34.6440

128.4510, -2.8880,
-2.7280

56.5510, 45.2460,
39.0540

136.1790, -8.1140,
-7.1380

48.8230, 50.4720,
43.4640


143.9070,
-13.3400, -11.5480

44.2580, 53.6810,
45.8810

152.2220,
-18.8410, -16.4810

159.9500,

-24.0670, -20.8910

 168.3790,
-29.8890, -25.5130

Harmonies

Analogous

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



96.3400, 2.5190, 14.9270



96.3650, 18.5660, 15.9580



95.5200, 28.1950, 12.1550

Triad

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



96.3650, 18.5660, 15.9580



91.7820, 11.8770, -11.5070



83.0080, -47.1770, -9.5530

Complementary

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



96.3650, 18.5660, 15.9580



108.6350, -18.5660, -15.9580

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.



82.9560, -41.3990, -15.1510



96.3650, 18.5660, 15.9580



89.1760, -4.0320, -15.0400

Square

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



96.3650, 18.5660, 15.9580



93.6420, 24.2550, -4.5530



86.2970, -23.4260, -15.9860



88.6770, -35.5790, 0.5250

Rectangle

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



96.3650, 18.5660, 15.9580



94.7280, 30.3050, 6.9530



86.2970, -23.4260, -15.9860



82.2420, -47.9560, -11.9560

Sweetspot

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



96.3650, 18.5660, 15.9580



150.6960, 6.9680, 5.8800



92.1810, -1.2870, 17.8250



75.5600, 4.3550, 3.6750



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.



96.3650, 18.5660, 15.9580



117.3220, 29.2930, 25.3010



93.9710, 25.3070, 9.4270



57.1360, 2.6130, 2.2050



44.6710, 53.9560, 46.4040



90.0540, 108.7830, 93.5430

Inverse Universe

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



96.3650, 18.5660, 15.9580



117.3220, 29.2930, 25.3010



111.0290, -25.3070, -9.4270



57.1360, 2.6130, 2.2050



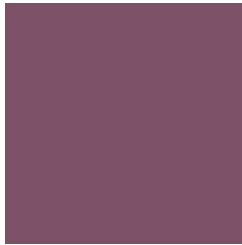
44.6710, 53.9560, 46.4040



90.0540, 108.7830, 93.5430

Previews

White Background



This preview shows how the YIQ color 96.3650, 18.5660, 15.9580 looks on a white background.

Color Contrast Check

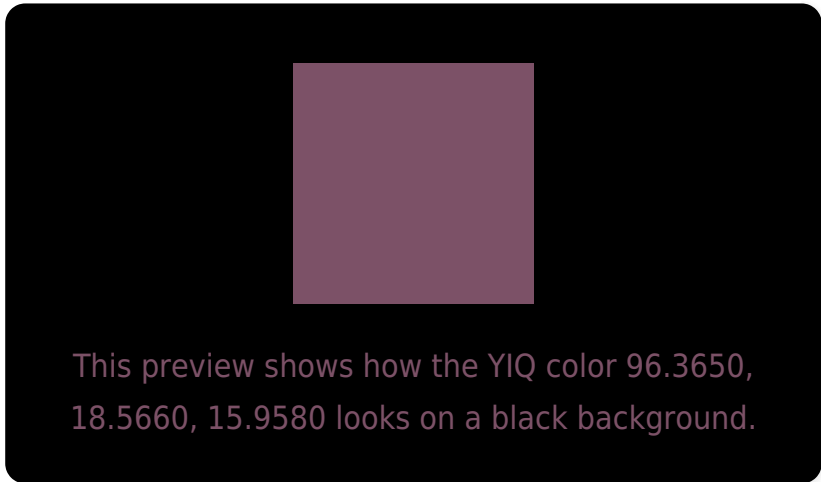
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

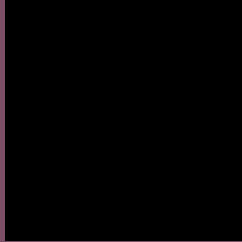
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.3650, 18.5660, 15.9580

Background



This preview shows how black text looks on a background with the YIQ color 96.3650, 18.5660, 15.9580.



This preview shows how white text looks on a background with the YIQ color 96.3650, 18.5660,

15.9580.

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

96.3650, 18.5660, 15.9580

Protanopia

94.4540, -6.9700, 5.1740

Deuteranopia

94.8310, 2.1540, 5.0180



Tritanopia

95.7580, 21.5930, 10.6570

Trichromacy



Original Color

96.3650, 18.5660, 15.9580

Protanomaly

95.3520, 2.2450, 8.8770

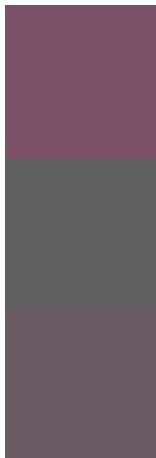
Deuteranomaly

95.2880, 8.2970, 9.3290

Tritanomaly

95.7410, 20.2630, 12.7350

Monochromacy



Original Color

96.3650, 18.5660, 15.9580

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.3970, 6.3720, 5.6680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.3650, 18.5660, 15.9580 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, 81, 103)` looks like.

```
.text, #text, p{  
    color:rgb(124, 81, 103)  
}
```

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, 81, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 81, 103) }
```

Border

The CSS property to change the border of an element to YIQ 96.3650, 18.5660, 15.9580 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, 81, 103) }
```


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

```
.border{ border-color:rgb(124, 81, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 81, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 81, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 81, 103);  
box-shadow:4px 4px 4px 4px rgb(124, 81,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 96.3650, 18.5660, 15.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 81, 103) }
```

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

```
.background{ background-color: rgb(124, 81,  
103) }
```

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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