

# Converting Colors

YIQ(104.0980, 14.9440, 15.5200)

Have a look what the booklet for  
YIQ(104.0980, 14.9440, 15.5200)  
contains.

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# Color

**YIQ(104.0980, 14.9440,  
15.5200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	805A72
RGB	128, 90, 114
RGB Percent	50%, 35%, 45%
CMY	0.4979, 0.6471, 0.5529
CMYK	0.00, 0.30, 0.11, 0.50
HSL	322°, 17%, 43%
HSV	322°, 30%, 50%
XYZ	15.5988, 13.1161, 17.6322
YIQ	104.0980, 14.9440, 15.5200

# Conversions

## Conversions Part 2

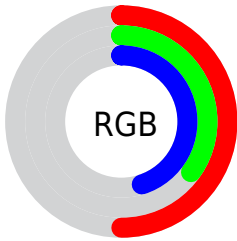
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	128, 90, 114
Decimal	8411762
CIE Lab	42.94, 19.71, -7.40
CIE LCh	43, 21.051, 339.429
Yxy	13.1161, 0.3366, 0.2830
Android (android.graphics.Color)	4286601842 (0xFF805A72)
YUV	104.0980, 4.8817, 20.9621
Hunter-Lab	36.2161, 13.5044, -3.5147

# Details

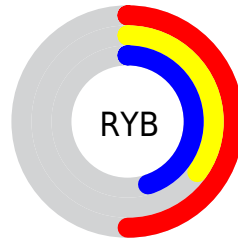
The YIQ color **104.0980, 14.9440, 15.5200** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **113.9020, -14.9440, -15.5200**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.2230, 16.0900, 16.7780**, and **56.6740, 13.2020, 14.0500** is the 20% darker color. If you saturate the color by 10%, you get **95.8970, 20.1240, 20.7640**, and if you desaturate by 10%, it is **112.2990, 9.7640, 10.2760**.

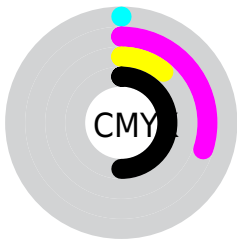
# Distribution



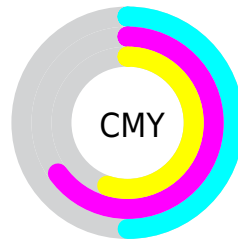
- Red (50%)
- Green (35%)
- Blue (45%)



- Red (50%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (50%)



- Cyan (50%)
- Magenta (65%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 104.0980, 14.9440, 15.5200 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 104.0980, 14.9440, 15.5200 by changing the saturation by 10% instead.



■ 104.0980, 14.9440,  
15.5200

■ 104.0980, 14.9440,  
15.5200

■ 255.0000, -0.0000,  
-0.0000

■ 79.7990, 14.3480,  
15.3080

■ 155.2230, 16.0900,  
16.7780

■ 56.6740, 13.2020,  
14.0500

■ 182.5220, 16.6860,  
16.9900

■ 34.3750, 12.6060,  
13.8380

■ 210.2340, 17.5570,  
17.7250

■ 12.9020, 12.5600,  
14.6720

■ 234.9450, 11.0010,  
15.3930

■ 0.0000, 0.0000,  
0.0000

■ 252.6520, 1.1000,  
2.0920

104.0980, 14.9440,  
15.5200

104.0980, 14.9440,  
15.5200

95.8970, 20.1240,  
20.7640

112.2990, 9.7640,  
10.2760

87.8100, 24.9830,  
26.3190

120.3860, 4.9050,  
4.7210

80.1960, 29.8880,  
31.0400

128.0000, -0.0000,  
-0.0000

71.9950, 35.0680,  
36.2840

136.2010, -5.1800,  
-5.2440

63.7940, 40.2480,  
41.5280

144.4020,  
-10.3600, -10.4880

55.7070, 45.1070,  
47.0830


152.4890,  
-15.2190, -16.0430

47.5060, 50.2870,  
52.3270

160.6900,  
-20.3990, -21.2870

168.3040,

-25.3040, -26.0080

 176.3910,  
-30.1630, -31.5630

# Harmonies

## Analogous

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



103.5460, -1.0570, 13.6550



104.0980, 14.9440, 15.5200



103.2640, 26.0400, 12.6640

# Triad

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



104.0980, 14.9440, 15.5200



99.8040, 14.8110, -9.6130



92.0470, -42.9130, -9.7370

# Complementary

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



104.0980, 14.9440, 15.5200



113.9020, -14.9440, -15.5200

# 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.



92.1910, -34.7510, -14.4870



104.0980, 14.9440, 15.5200



97.8560, -0.1350, -14.0790

# Square

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



104.0980, 14.9440, 15.5200



101.2940, 25.3550, -2.4610



95.3470, -17.6950, -15.2230



96.3240, -36.0830, -1.3550



# Rectangle

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



104.0980, 14.9440, 15.5200



103.1840, 29.0210, 8.1970



95.3470, -17.6950, -15.2230



92.0640, -41.5830, -11.8150

# Sweetspot

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



104.0980, 14.9440, 15.5200



156.5110, 6.0510, 5.9790



98.5180, -3.8540, 14.7860



78.3750, 3.4380, 3.7740



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.



104.0980, 14.9440, 15.5200



128.2720, 23.5620, 24.5380



101.9320, 21.0430, 9.6110



59.5490, 2.8880, 2.7280



47.5060, 50.2870, 52.3270



0.0000, 0.0000, 0.0000



# Inverse Universe

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



104.0980, 14.9440, 15.5200



128.2720, 23.5620, 24.5380



116.0680, -21.0430, -9.6110



59.5490, 2.8880, 2.7280



47.5060, 50.2870, 52.3270

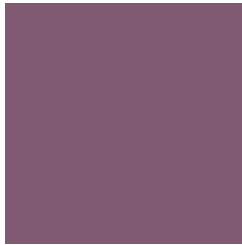


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YIQ color 104.0980, 14.9440, 15.5200 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 104.0980, 14.9440, 15.5200 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

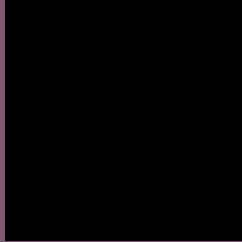
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 104.0980, 14.9440, 15.5200

## Background



This preview shows how black text looks on a background with the YIQ color 104.0980, 14.9440, 15.5200.



This preview shows how white text looks on a background with the YIQ color 104.0980, 14.9440,



# 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

104.0980, 14.9440, 15.5200

### Protanopia

102.0840, -8.8040, 5.3720

### Deuteranopia

102.8740, 0.5950, 5.7390



## Tritanopia

103.6650, 17.4210, 9.1730

# Trichromacy



## Original Color

104.0980, 14.9440, 15.5200

## Protanomaly

102.6830, -0.1850, 8.8630

## Deuteranomaly

103.6190, 5.8670, 9.3150

## Tritanomaly

103.9470, 16.6870, 11.4630

# Monochromacy



## Original Color

104.0980, 14.9440, 15.5200

## Achromatopsia

104.0000, -0.0000, -0.0000

## Achromatomaly

104.2120, 5.4550, 5.7670

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 104.0980, 14.9440, 15.5200 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(128, 90, 114)` looks like.

```
.text, #text, p{  
    color:rgb(128, 90, 114)  
}
```

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(128, 90, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 90, 114) }
```

## Border

The CSS property to change the border of an element to YIQ 104.0980, 14.9440, 15.5200 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(128, 90, 114) }
```



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

```
.border{ border-color:rgb(128, 90, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 90, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 90, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 90, 114);  
box-shadow:4px 4px 4px 4px rgb(128, 90,  
114) }
```

# Background

The CSS property to change the background color of an element to YIQ 104.0980, 14.9440, 15.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 90, 114) }
```

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

```
.background{ background-color: rgb(128, 90,  
114) }
```

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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