

# Converting Colors

YIQ(101.3430, 15.6320, 14.0640)

Have a look what the booklet for  
YIQ(101.3430, 15.6320, 14.0640)  
contains.

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# Color

**YIQ(101.3430, 15.6320,  
14.0640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D586C
RGB	125, 88, 108
RGB Percent	49%, 35%, 42%
CMY	0.5097, 0.6550, 0.5764
CMYK	0.00, 0.30, 0.14, 0.51
HSL	328°, 17%, 42%
HSV	328°, 30%, 49%
XYZ	14.6570, 12.4218, 15.8158
YIQ	101.3430, 15.6320, 14.0640

# Conversions

## Conversions Part 2

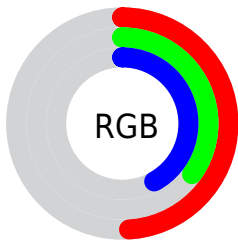
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 88, 108
Decimal	8214636
CIE <sub>Lab</sub>	41.88, 18.65, -5.34
CIE <sub>LCh</sub>	42, 19.399, 344.015
Yxy	12.4218, 0.3417, 0.2896
Android (android.graphics.Color)	4286404716 (0xFF7D586C)
YUV	101.3430, 3.2819, 20.7472
Hunter-Lab	35.2445, 12.5544, -1.9349

# Details

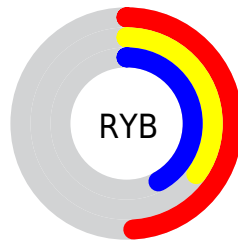
The YIQ color **101.3430, 15.6320, 14.0640** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111.6570, -15.6320, -14.0640**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.3540, 17.0990, 15.0110**, and **54.0330, 13.5690, 12.9050** is the 20% darker color. If you saturate the color by 10%, you get **93.0280, 21.1330, 18.9970**, and if you desaturate by 10%, it is **109.0710, 10.4060, 9.6540**.

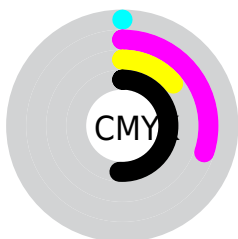
# Distribution



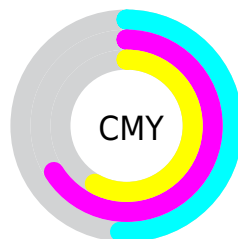
- Red (49%)
- Green (35%)
- Blue (42%)



- Red (49%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (30%)
- Yellow (14%)
- Black (51%)



- Cyan (51%)
- Magenta (66%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 101.3430, 15.6320, 14.0640 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 101.3430, 15.6320, 14.0640 by changing the saturation by 10% instead.



■ 101.3430, 15.6320,  
14.0640

■ 101.3430, 15.6320,  
14.0640

■ 255.0000, -0.0000,  
-0.0000

■ 77.0440, 15.0360,  
13.8520

■ 152.3540, 17.0990,  
15.0110

■ 54.0330, 13.5690,  
12.9050

■ 179.6530, 17.6950,  
15.2230

■ 31.7340, 12.9730,  
12.6930

■ 207.0660, 17.9700,  
15.7460

■ 12.0330, 13.5690,  
12.9050

■ 232.9730, 13.7980,  
14.2620

■ 0.0000, 0.0000,  
0.0000

■ 250.8910, 1.9250,  
3.6610

101.3430, 15.6320,  
14.0640

101.3430, 15.6320,  
14.0640

93.0280, 21.1330,  
18.9970

109.0710, 10.4060,  
9.6540

85.4140, 26.0380,  
23.7180

117.2720, 5.2260,  
4.4100

77.0990, 31.5390,  
28.6510

125.0000, 0.0000,  
0.0000

69.3710, 36.7650,  
33.0610

133.3150, -5.5010,  
-4.9330

61.0560, 42.2660,  
37.9940

141.6300,  
-11.0020, -9.8660

53.4420, 47.1710,  
42.7150


149.2440,  
-15.9070, -14.5870

45.1270, 52.6720,  
47.6480

157.5590,  
-21.4080, -19.5200

165.2870,

-26.6340, -23.9300

 173.6020,  
-32.1350, -28.8630

# Harmonies

## Analogous

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



100.8020, 1.0980, 13.1460



101.3430, 15.6320, 14.0640



100.7260, 24.6190, 10.8830

# Triad

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



101.3430, 15.6320, 14.0640



97.2490, 12.0600, -9.3160



90.8520, -37.8700, -7.5180

# Complementary

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



101.3430, 15.6320, 14.0640



111.6570, -15.6320, -14.0640

# 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.



91.0280, -32.7340, -12.4940



101.3430, 15.6320, 14.0640



95.0130, -2.0150, -13.0470

# Square

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



101.3430, 15.6320, 14.0640



98.7990, 22.3750, -3.5210



92.8030, -18.9790, -13.9790



94.9010, -30.3980, 0.2420



# Rectangle

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



101.3430, 15.6320, 14.0640



100.4610, 26.6830, 6.5150



92.8030, -18.9790, -13.9790



90.6840, -37.4570, -9.4970

# Sweetspot

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



101.3430, 15.6320, 14.0640



153.9840, 6.0970, 5.1450



97.3010, -1.7450, 15.1110



76.1470, 4.0800, 3.1520



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.



101.3430, 15.6320, 14.0640



125.2890, 24.8920, 22.4600



99.2910, 21.4100, 8.4660



59.5490, 2.8880, 2.7280



46.1380, 54.1390, 48.5950



0.0000, 0.0000, 0.0000



# Inverse Universe

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



101.3430, 15.6320, 14.0640



125.2890, 24.8920, 22.4600



113.7090, -21.4100, -8.4660



59.5490, 2.8880, 2.7280



46.1380, 54.1390, 48.5950

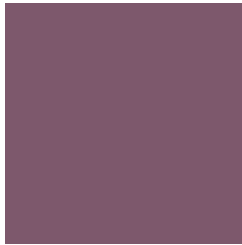


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YIQ color 101.3430, 15.6320, 14.0640 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

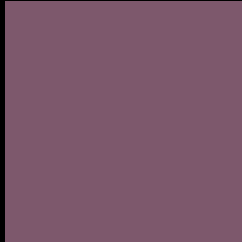
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 101.3430, 15.6320, 14.0640 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

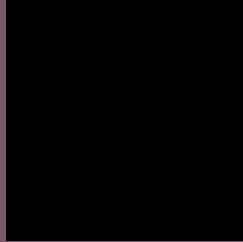
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YIQ 101.3430, 15.6320, 14.0640

## Background



This preview shows how black text looks on a background with the YIQ color 101.3430, 15.6320, 14.0640.



This preview shows how white text looks on a background with the YIQ color 101.3430, 15.6320,



# 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

101.3430, 15.6320, 14.0640

### Protanopia

99.3400, -6.6490, 4.8630

### Deuteranopia

99.8310, 2.1540, 5.0180



## Tritanopia

100.9640, 18.0170, 9.3850

# Trichromacy



## Original Color

101.3430, 15.6320, 14.0640

## Protanomaly

99.9390, 1.9700, 8.3540

## Deuteranomaly

100.2770, 6.8300, 8.3820

## Tritanomaly

100.8330, 17.0080, 11.1520

# Monochromacy



## Original Color

101.3430, 15.6320, 14.0640

## Achromatopsia

101.0000, -0.0000, 0.0000

## Achromatomaly

101.0980, 5.7760, 5.4560

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 101.3430, 15.6320, 14.0640 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(125, 88, 108)` looks like.

```
.text, #text, p{  
    color:rgb(125, 88, 108)  
}
```

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(125, 88, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 88, 108) }
```

## Border

The CSS property to change the border of an element to YIQ 101.3430, 15.6320, 14.0640 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(125, 88, 108) }
```



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

```
.border{ border-color:rgb(125, 88, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 88, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 88, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 88, 108);  
box-shadow:4px 4px 4px 4px rgb(125, 88,  
108) }
```

# Background

The CSS property to change the background color of an element to YIQ 101.3430, 15.6320, 14.0640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 88, 108) }
```

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

```
.background{ background-color: rgb(125, 88,  
108) }
```

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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