

Converting Colors

YIQ(115.9760, 17.7430, 3.3350)

Have a look what the booklet for
YIQ(115.9760, 17.7430, 3.3350)
contains.

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Color

**YIQ(115.9760, 17.7430,
3.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	876D66
RGB	135, 109, 102
RGB Percent	53%, 43%, 40%
CMY	0.4705, 0.5726, 0.5999
CMYK	0.00, 0.19, 0.24, 0.47
HSL	13°, 14%, 46%
HSV	13°, 24%, 53%
XYZ	17.8607, 17.0467, 14.9244
YIQ	115.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

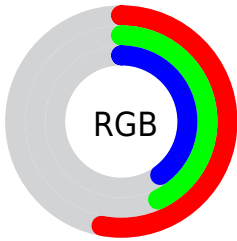
Format	Color
R_{YB}	135, 111, 102
Decimal	8875366
CIE _{Lab}	48.32, 9.15, 7.77
CIE _{LCh}	48, 12.009, 40.346
Yxy	17.0467, 0.3584, 0.3421
Android (android.graphics.Color)	4287065446 (0xFF876D66)
YUV	115.9760, -6.8902, 16.6840
Hunter-Lab	41.2877, 4.9642, 7.4697

Details

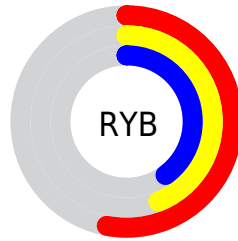
The YIQ color **115.9760, 17.7430, 3.3350** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **121.0240, -17.7430, -3.3350**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.4600, 19.2560, 3.4480**, and **67.4920, 16.2300, 3.2220** is the 20% darker color. If you saturate the color by 10%, you get **108.0370, 24.9410, 5.0450**, and if you desaturate by 10%, it is **124.0290, 10.2240, 1.9360**.

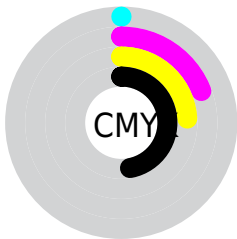
Distribution



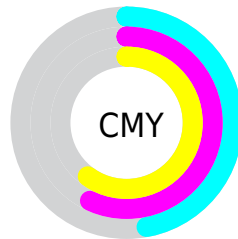
- Red (53%)
- Green (43%)
- Blue (40%)



- Red (53%)
- Yellow (44%)
- Blue (40%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (47%)





- Cyan (47%)
- Magenta (57%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.9760, 17.7430, 3.3350 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 115.9760, 17.7430, 3.3350 by changing the saturation by 10% instead.


 115.9760, 17.7430,
3.3350


 115.9760, 17.7430,
3.3350


255.0000, -0.0000,
-0.0000


 91.3780, 16.5510,
2.9110


 168.4600, 19.2560,
3.4480


 67.4920, 16.2300,
3.2220


 195.7590, 19.8520,
3.6600


 45.5950, 14.4420,
2.5860

 223.0580, 20.4480,
3.8720

 24.1820, 14.1670,
2.0630

 246.2630, 9.4450,
-0.4670

 1.4950, 2.9800,
1.0600

 0.0000, 0.0000,
0.0000

■ 115.9760, 17.7430,
3.3350

■ 115.9760, 17.7430,
3.3350

■ 108.0370, 24.9410,
5.0450

■ 124.0290, 10.2240,
1.9360

■ 100.5710, 32.1850,
5.9210

■ 131.3810, 3.3010,
0.7490

■ 92.6320, 39.3830,
7.6310

■ 139.4340, -4.2180,
-0.6500

■ 84.5790, 46.9020,
9.0300

■ 147.3730,
-11.4160, -2.3600

■ 77.2270, 53.8250,
10.2170

■ 154.8390,
-18.6600, -3.2360

■ 69.1740, 61.3440,
11.6160

■ 162.7780,
-25.8580, -4.9460

■ 61.2350, 68.5420,
13.3260

■ 170.8310,
-33.3770, -6.3450

■ 57.3880, 72.4850,

■ 178.1830,

13.4530

-40.3000, -7.5320

■ 186.2360,
-47.8190, -8.9310

Harmonies

Analogous

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



116.7140, 15.7250, 6.8690



115.9760, 17.7430, 3.3350



115.2590, 15.2680, -1.3720

Triad

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



115.9760, 17.7430, 3.3350



111.7550, -9.8560, -8.6080



114.4860, -9.9960, 4.9480

Complementary

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



115.9760, 17.7430, 3.3350



121.0240, -17.7430, -3.3350

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.



113.1320, -17.9270, 0.0010



115.9760, 17.7430, 3.3350



111.0900, -18.1090, -7.7170

Square

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



115.9760, 17.7430, 3.3350



112.8440, 0.1390, -8.0290



111.5290, -20.7230, -4.3950



116.1560, -0.1390, 8.0290

Rectangle

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



115.9760, 17.7430, 3.3350



114.5250, 11.4630, -4.0010



111.5290, -20.7230, -4.3950



114.5780, -13.2510, 3.3650

Sweetspot

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



115.9760, 17.7430, 3.3350



168.7620, 6.6020, 1.4980



114.8310, 11.3220, 15.0820



85.2670, 3.6220, 0.4380



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



115.9760, 17.7430, 3.3350



146.7060, 27.3710, 5.0590



125.3680, 13.3430, -5.0330



62.3810, 3.3010, 0.7490



54.7190, 70.0550, 13.4390



1.4840, 1.5130, 0.1130

Inverse Universe

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



121.0240, -17.7430, -3.3350



154.2940, -27.3710, -5.0590



111.6320, -13.3430, 5.0330



63.6190, -3.3010, -0.7490



75.2810, -70.0550, -13.4390



1.5160, -1.5130, -0.1130

Previews

White Background



This preview shows how the YIQ color 115.9760, 17.7430, 3.3350 looks on a white background.

Color Contrast Check

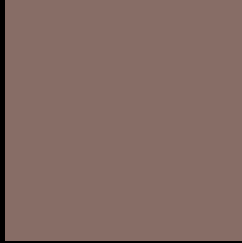
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.9760, 17.7430, 3.3350 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 115.9760, 17.7430, 3.3350

Background



This preview shows how black text looks on a background with the YIQ color 115.9760, 17.7430, 3.3350.

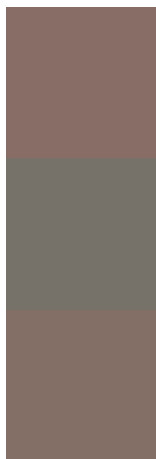


This preview shows how white text looks on a background with the YIQ color 115.9760, 17.7430,

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

115.9760, 17.7430, 3.3350

Protanopia

114.4690, 5.8690, -1.7390

Deuteranopia

115.9540, 14.8090, 1.4410



Tritanopia

116.8820, 15.3120, 8.8480

Trichromacy



Original Color

115.9760, 17.7430, 3.3350

Protanomaly

114.9750, 10.3160, 0.2680

Deuteranomaly

115.6660, 15.6800, 2.1760

Tritanomaly

116.6000, 16.0460, 6.5580

Monochromacy



Original Color

115.9760, 17.7430, 3.3350

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.7620, 6.6020, 1.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.9760, 17.7430, 3.3350 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(135, 109, 102)` looks like.

```
.text, #text, p{  
    color:rgb(135, 109, 102)  
}
```

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(135, 109, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 109, 102) }
```

Border

The CSS property to change the border of an element to YIQ 115.9760, 17.7430, 3.3350 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(135, 109, 102) }
```


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

```
.border{ border-color:rgb(135, 109, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 109, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 109, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 109, 102);  
box-shadow:4px 4px 4px 4px rgb(135, 109,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 115.9760, 17.7430, 3.3350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 109, 102) }
```

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

```
.background{ background-color: rgb(135,  
109, 102) }
```

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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