

Converting Colors

YIQ(129.9760, 17.7430, 3.3350)

Have a look what the booklet for
YIQ(129.9760, 17.7430, 3.3350)
contains.

YIQ(129.9760, 17.7430, 3.3350)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(129.9760, 17.7430,
3.3350)**

Conversions

Conversions Part 1

Format	Color
Hex	957B74
RGB	149, 123, 116
RGB Percent	58%, 48%, 45%
CMY	0.4156, 0.5177, 0.5450
CMYK	0.00, 0.17, 0.22, 0.42
HSL	13°, 13%, 52%
HSV	13°, 22%, 58%
XYZ	22.6322, 21.8155, 19.5469
YIQ	129.9760, 17.7430, 3.3350

Conversions

Conversions Part 2

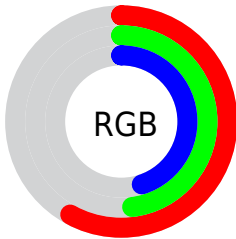
Format	Color
RYB	149, 125, 116
Decimal	9796468
CIELab	53.83, 8.91, 7.57
CIELCh	54, 11.697, 40.354
Yxy	21.8155, 0.3537, 0.3409
Android (android.graphics.Color)	4287986548 (0xFF957B74)
YUV	129.9760, -6.8902, 16.6840
Hunter-Lab	46.7071, 4.7558, 7.8822

Details

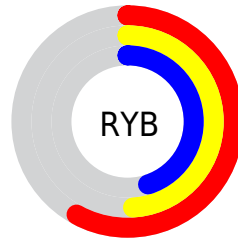
The YIQ color **129.9760, 17.7430, 3.3350** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **135.0240, -17.7430, -3.3350**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.8730, 19.5310, 3.9710**, and **80.4920, 16.2300, 3.2220** is the 20% darker color. If you saturate the color by 10%, you get **121.2220, 25.8580, 4.9460**, and if you desaturate by 10%, it is **138.7300, 9.6280, 1.7240**.

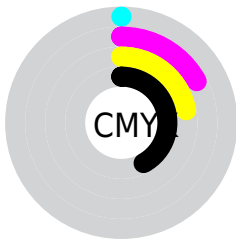
Distribution



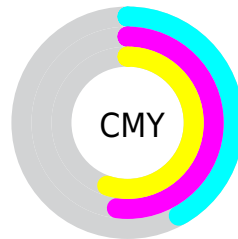
- Red (58%)
- Green (48%)
- Blue (45%)



- Red (58%)
- Yellow (49%)
- Blue (45%)



- Cyan (0%)
- Magenta (17%)
- Yellow (22%)
- Black (42%)





- Cyan (42%)
- Magenta (52%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 129.9760, 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 129.9760, 17.7430, 3.3350 by changing the saturation by 10% instead.


 129.9760, 17.7430,
3.3350


 129.9760, 17.7430,
3.3350


255.0000, -0.0000,
-0.0000


 104.6770, 17.1470,
3.1230


 182.8730, 19.5310,
3.9710

 80.4920, 16.2300,
3.2220


 210.7590, 19.8520,
3.6600

 57.5950, 14.4420,
2.5860

 237.2640, 16.8720,
2.6000

 35.4100, 13.5250,
2.6850

254.6580, 0.9630,
-0.9330

 12.7910, 16.8260,
3.4340

 0.0000, 0.0000,
0.0000

■ 129.9760, 17.7430,
3.3350

■ 129.9760, 17.7430,
3.3350

■ 121.2220, 25.8580,
4.9460

■ 138.7300, 9.6280,
1.7240

■ 112.4680, 33.9730,
6.5570

■ 146.8970, 1.7880,
0.6360

■ 104.3010, 41.8130,
7.6450

■ 155.6510, -6.3270,
-0.9750

■ 95.5470, 49.9280,
9.2560

■ 164.4050,
-14.4420, -2.5860

■ 86.9070, 57.7220,
11.1780

■ 173.1590,
-22.5570, -4.1970

■ 78.1530, 65.8370,
12.7890

■ 181.7990,
-30.3510, -6.1190

■ 69.9860, 73.6770,
13.8770

■ 189.9660,
-38.1910, -7.2070

■ 62.7480, 80.2790,

■ 198.7200,

15.3750

-46.3060, -8.8180

■ 207.4740,
-54.4210, -10.4290

Harmonies

Analogous

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



130.7140, 15.7250, 6.8690



129.9760, 17.7430, 3.3350



129.2590, 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.



129.9760, 17.7430, 3.3350



125.7550, -9.8560, -8.6080



128.4860, -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.



129.9760, 17.7430, 3.3350



135.0240, -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.



127.1320, -17.9270, 0.0010



129.9760, 17.7430, 3.3350



125.3890, -17.5130, -7.5050

Square

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



129.9760, 17.7430, 3.3350



126.8440, 0.1390, -8.0290



125.5290, -20.7230, -4.3950



130.1560, -0.1390, 8.0290

Rectangle

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



129.9760, 17.7430, 3.3350



128.5250, 11.4630, -4.0010



125.5290, -20.7230, -4.3950



127.9910, -12.9760, 3.8880

Sweetspot

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



129.9760, 17.7430, 3.3350



185.9470, 7.5190, 1.3990



128.8310, 11.3220, 15.0820



92.5660, 4.2180, 0.6500



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



129.9760, 17.7430, 3.3350



163.8910, 28.2880, 4.9600



139.3680, 13.3430, -5.0330



69.6800, 3.8970, 0.9610



58.2850, 74.2730, 14.0890



4.1640, 5.4100, 1.0740

Inverse Universe

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



135.0240, -17.7430, -3.3350



171.6960, -28.5630, -5.4830



125.6320, -13.3430, 5.0330



70.7330, -3.6220, -0.4380



79.7150, -74.2730, -14.0890



5.8360, -5.4100, -1.0740

Previews

White Background



This preview shows how the YIQ color 129.9760, 17.7430, 3.3350 looks on a white background.

Color Contrast Check

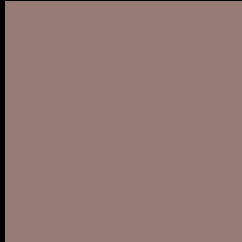
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 129.9760, 17.7430, 3.3350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

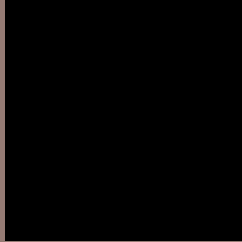
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.9760, 17.7430, 3.3350

Background



This preview shows how black text looks on a background with the YIQ color 129.9760, 17.7430, 3.3350.



This preview shows how white text looks on a background with the YIQ color 129.9760, 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

129.9760, 17.7430, 3.3350

Protanopia

128.4690, 5.8690, -1.7390

Deuteranopia

129.6660, 15.6800, 2.1760



Tritanopia

130.9960, 14.9910, 9.1590

Trichromacy



Original Color

129.9760, 17.7430, 3.3350

Protanomaly

128.9750, 10.3160, 0.2680

Deuteranomaly

129.9650, 16.2760, 2.3880

Tritanomaly

130.7140, 15.7250, 6.8690

Monochromacy



Original Color

129.9760, 17.7430, 3.3350

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.7620, 6.6020, 1.4980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.9760, 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(149, 123, 116)` looks like.

```
.text, #text, p{  
    color:rgb(149, 123, 116)  
}
```

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(149, 123, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 123, 116) }
```

Border

The CSS property to change the border of an element to YIQ 129.9760, 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(149, 123, 116) }
```


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

```
.border{ border-color:rgb(149, 123, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 123, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 123, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 123, 116);  
box-shadow:4px 4px 4px 4px rgb(149, 123,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 129.9760, 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(149, 123, 116) }
```

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

```
.background{ background-color: rgb(149,  
123, 116) }
```

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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