

Converting Colors

YIQ(129.7910, 16.8260, 3.4340)

Have a look what the booklet for
YIQ(129.7910, 16.8260, 3.4340)
contains.

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Color

**YIQ(129.7910, 16.8260,
3.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	947B75
RGB	148, 123, 117
RGB Percent	58%, 48%, 46%
CMY	0.4196, 0.5177, 0.5411
CMYK	0.00, 0.17, 0.21, 0.42
HSL	12°, 13%, 52%
HSV	12°, 21%, 58%
XYZ	22.5089, 21.7453, 19.8462
YIQ	129.7910, 16.8260, 3.4340

Conversions

Conversions Part 2

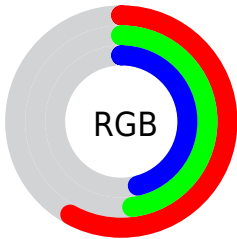
Format	Color
R_{YB}	148, 124, 117
Decimal	9730933
CIE _{Lab}	53.76, 8.67, 6.87
CIE _{LCh}	54, 11.065, 38.389
Yxy	21.7453, 0.3512, 0.3392
Android (android.graphics.Color)	4287921013 (0xFF947B75)
YUV	129.7910, -6.3060, 15.9693
Hunter-Lab	46.6319, 4.5551, 7.4090

Details

The YIQ color $129.7910, 16.8260, 3.4340$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $135.2090, -16.8260, -3.4340$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $182.3890, 18.0180, 3.8580$, and $80.3070, 15.3130, 3.3210$ is the 20% darker color. If you saturate the color by 10%, you get $121.0370, 24.9410, 5.0450$, and if you desaturate by 10%, it is $138.5450, 8.7110, 1.8230$.

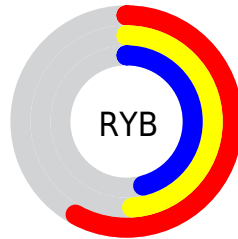
Distribution



Red (58%)

Green (48%)

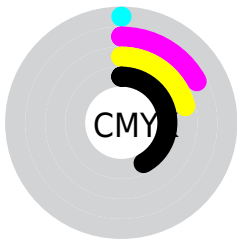
Blue (46%)



Red (58%)

Yellow (49%)

Blue (46%)

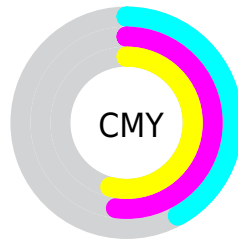


Cyan (0%)

Magenta (17%)

Yellow (21%)

Black (42%)



Cyan (42%)


Magenta (52%)


Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.7910, 16.8260, 3.4340 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 129.7910, 16.8260, 3.4340 by changing the saturation by 10% instead.


 129.7910, 16.8260,
3.4340


 129.7910, 16.8260,
3.4340


255.0000, -0.0000,
-0.0000


 104.4920, 16.2300,
3.2220


 182.3890, 18.0180,
3.8580

 80.3070, 15.3130,
3.3210


 210.5740, 18.9350,
3.7590


 57.7090, 14.1210,
2.8970

 237.3780, 16.5510,
2.9110

 35.5240, 13.2040,
2.9960

254.7720, 0.6420,
-0.6220

 12.4920, 16.2300,
3.2220

 0.0000, 0.0000,
0.0000

■ 129.7910, 16.8260,
3.4340

■ 129.7910, 16.8260,
3.4340

■ 121.0370, 24.9410,
5.0450

■ 138.5450, 8.7110,
1.8230

■ 112.2830, 33.0560,
6.6560

■ 147.2990, 0.5960,
0.2120

■ 103.6430, 40.8500,
8.5780

■ 155.9390, -7.1980,
-1.7100

■ 94.8890, 48.9650,
10.1890

■ 164.6930,
-15.3130, -3.3210

■ 86.1350, 57.0800,
11.8000

■ 173.4470,
-23.4280, -4.9320

■ 77.3810, 65.1950,
13.4110

■ 182.2010,
-31.5430, -6.5430

■ 68.6270, 73.3100,
15.0220

■ 190.9550,
-39.6580, -8.1540

■ 61.2750, 80.2330,

■ 199.5950,

16.2090

-47.4520, -10.0760

■ 208.3490,
-55.5670, -11.6870

Harmonies

Analogous

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



130.2300, 14.2120, 6.7560



129.7910, 16.8260, 3.4340



129.3730, 14.9470, -1.0610

Triad

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



129.7910, 16.8260, 3.4340



125.3530, -8.6640, -8.1840



128.3720, -9.6750, 4.6370

Complementary

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



129.7910, 16.8260, 3.4340



135.2090, -16.8260, -3.4340

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.



126.7300, -16.7350, 0.4250



129.7910, 16.8260, 3.4340



124.9870, -16.3210, -7.0810

Square

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



129.7910, 16.8260, 3.4340



126.8440, 0.1390, -8.0290



125.1270, -19.5310, -3.9710



129.7430, -0.4140, 7.5060

Rectangle

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



129.7910, 16.8260, 3.4340



128.6390, 11.1420, -3.6900



125.1270, -19.5310, -3.9710



127.7630, -12.3340, 3.2660

Sweetspot

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



129.7910, 16.8260, 3.4340



184.4630, 6.0060, 1.2860



129.1190, 10.4510, 14.3470



92.6800, 3.8970, 0.9610



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.



129.7910, 16.8260, 3.4340



163.2220, 25.8580, 4.9460



138.5960, 12.7010, -4.4110



69.6800, 3.8970, 0.9610



57.1110, 74.8230, 15.1350



4.1640, 5.4100, 1.0740

Inverse Universe

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



135.2090, -16.8260, -3.4340



171.3650, -26.1330, -5.4690



126.4040, -12.7010, 4.4110



71.3200, -3.8970, -0.9610



80.8890, -74.8230, -15.1350



5.8360, -5.4100, -1.0740

Previews

White Background



This preview shows how the YIQ color 129.7910, 16.8260, 3.4340 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 129.7910, 16.8260, 3.4340 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 129.7910, 16.8260, 3.4340

Background



This preview shows how black text looks on a background with the YIQ color 129.7910, 16.8260, 3.4340.



This preview shows how white text looks on a background with the YIQ color 129.7910, 16.8260,

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

129.7910, 16.8260, 3.4340

Protanopia

128.5830, 5.5480, -1.4280

Deuteranopia

129.4810, 14.7630, 2.2750



Tritanopia

130.6970, 14.3950, 8.9470

Trichromacy



Original Color

129.7910, 16.8260, 3.4340

Protanomaly

128.7900, 9.3990, 0.3670

Deuteranomaly

129.7800, 15.3590, 2.4870

Tritanomaly

130.4150, 15.1290, 6.6570

Monochromacy



Original Color

129.7910, 16.8260, 3.4340

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 129.7910, 16.8260, 3.4340 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(148, 123, 117)` looks like.

```
.text, #text, p{  
    color:rgb(148, 123, 117)  
}
```

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(148, 123, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 123, 117) }
```

Border

The CSS property to change the border of an element to YIQ 129.7910, 16.8260, 3.4340 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(148, 123, 117) }
```


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

```
.border{ border-color:rgb(148, 123, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 123, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(148, 123, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(148, 123, 117); box-shadow:4px 4px 4px 4px rgb(148, 123, 117) }
```

Background

The CSS property to change the background color of an element to YIQ 129.7910, 16.8260, 3.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 123, 117) }
```

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

```
.background{ background-color: rgb(148,  
123, 117) }
```

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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