

Converting Colors

YIQ(129.3980, -3.3960, 17.5000)

Have a look what the booklet for
YIQ(129.3980, -3.3960, 17.5000)
contains.

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Color

**YIQ(129.3980, -3.3960,
17.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	8977A3
RGB	137, 119, 163
RGB Percent	54%, 47%, 64%
CMY	0.4627, 0.5334, 0.3608
CMYK	0.16, 0.27, 0.00, 0.36
HSL	265°, 19%, 55%
HSV	265°, 27%, 64%
XYZ	23.5252, 21.1557, 37.4882
YIQ	129.3980, -3.3960, 17.5000

Conversions

Conversions Part 2

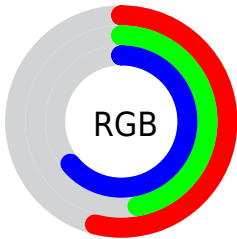
Format	Color
R_{YB}	137, 119, 163
Decimal	9009059
CIE _{Lab}	53.12, 16.00, -21.00
CIE _{LCh}	53, 26.406, 307.302
Yxy	21.1557, 0.2863, 0.2575
Android (android.graphics.Color)	4287199139 (0xFF8977A3)
YUV	129.3980, 16.5658, 6.6670
Hunter-Lab	45.9953, 10.8055, -16.1272

Details

The YIQ color $129.3980, -3.3960, 17.5000$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $152.6020, 3.3960, -17.5000$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $182.3380, -3.1670, 18.8570$, and $79.4580, -3.6250, 16.1430$ is the 20% darker color. If you saturate the color by 10%, you get $117.0160, -4.9560, 23.7480$, and if you desaturate by 10%, it is $141.7800, -1.8360, 11.2520$.

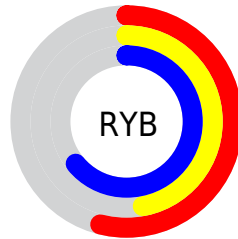
Distribution



Red (54%)

Green (47%)

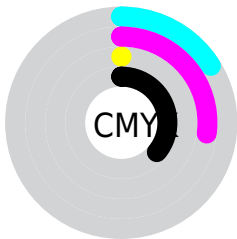
Blue (64%)



Red (54%)

Yellow (47%)

Blue (64%)

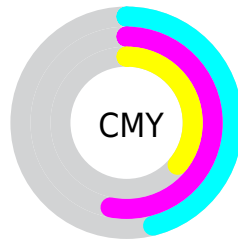


Cyan (16%)

Magenta (27%)

Yellow (0%)

Black (36%)



Cyan (46%)

Magenta (53%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.3980, -3.3960, 17.5000 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 129.3980, -3.3960, 17.5000 by changing the saturation by 10% instead.

■ 129.3980, -3.3960,
17.5000

■ 129.3980, -3.3960,
17.5000

■ 255.0000, -0.0000,
-0.0000

■ 103.9850, -3.6710,
16.9770

■ 182.3380, -3.1670,
18.8570

■ 79.4580, -3.6250,
16.1430

■ 210.4520, -3.4880,
19.1680

■ 56.9310, -3.5790,
15.3090

■ 236.1720, 2.9320,
12.9480

■ 34.9910, -3.8080,
13.9520

■ 11.5400, -0.9200,
16.6800

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,

0.0000

■ 129.3980, -3.3960,
17.5000

■ 129.3980, -3.3960,
17.5000

■ 117.0160, -4.9560,
23.7480

■ 141.7800, -1.8360,
11.2520

■ 104.3460, -5.6450,
30.7310

■ 154.4500, -1.1470,
4.2690

■ 91.9640, -7.2050,
36.9790

■ 166.8320, 0.4130,
-1.9790

■ 79.8810, -8.1690,
43.4390

■ 179.2140, 1.9730,
-8.2270

■ 67.4990, -9.7290,
49.6870

■ 191.2970, 2.9370,
-14.6870

■ 54.5300, -11.0140,
56.4580

■ 204.2660, 4.2220,
-21.4580

■ 42.4470, -11.9780,
62.9180

■ 216.3490, 5.1860,
-27.9180

■ 38.6150, -12.3910,
64.8970

■ 228.7310, 6.7460,
-34.1660

■ 235.2430, 11.0560,
-35.1840

Harmonies

Analogous

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



125.5520, -27.5570, 9.3310



129.3980, -3.3960, 17.5000



130.1140, 18.0150, 20.4390

Triad

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



129.3980, -3.3960, 17.5000



127.0730, 33.2870, -3.0410



114.2820, -45.4330, -19.1370

Complementary

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



129.3980, -3.3960, 17.5000



152.6020, 3.3960, -17.5000

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.



118.8470, -22.2790, -20.2550



129.3980, -3.3960, 17.5000



124.7460, 20.7260, -12.1860

Square

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



129.3980, -3.3960, 17.5000



128.5610, 38.1450, 8.0410



122.4060, 1.0120, -18.3480



113.2130, -58.1800, -13.8920

Rectangle

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



129.3980, -3.3960, 17.5000



129.9210, 28.7440, 18.7280



122.4060, 1.0120, -18.3480



115.7620, -38.0970, -19.9290

Sweetspot

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



129.3980, -3.3960, 17.5000



199.0310, -1.2850, 6.7710



139.2780, -21.2740, 0.0860



98.7490, -0.5510, 4.4810



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



129.3980, -3.3960, 17.5000



160.1240, -5.1400, 27.0840



135.9760, 9.7160, 22.1640



75.2220, -0.5050, 3.6470



34.4700, -10.7850, 57.8150



4.1450, -1.6060, 7.0820

Inverse Universe

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



135.1200, 17.8780, 17.4140



168.8920, 27.6880, 26.8560



146.0240, -9.7160, -22.1640



76.2610, 3.7590, 3.4630



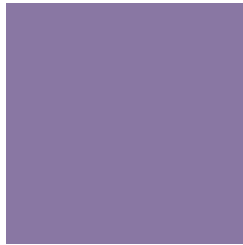
53.1590, 58.8140, 57.4860



6.6360, 7.1970, 7.2370

Previews

White Background



This preview shows how the YIQ color 129.3980, -3.3960, 17.5000 looks on a white background.

Color Contrast Check

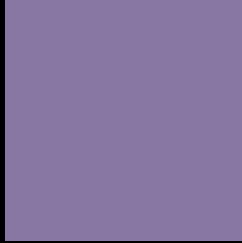
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.3980, -3.3960, 17.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

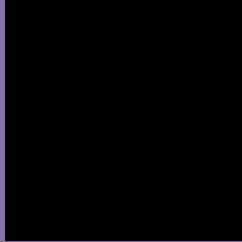
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.3980, -3.3960, 17.5000

Background



This preview shows how black text looks on a background with the YIQ color 129.3980, -3.3960, 17.5000.



This preview shows how white text looks on a background with the YIQ color 129.3980, -3.3960,

17.5000.

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

129.3980, -3.3960, 17.5000

Protanopia

126.9120, -19.7630, 11.2530

Deuteranopia

128.0220, -14.2610, 10.6590



Tritanopia

127.5320, 1.5580, 4.8060

Trichromacy



Original Color

129.3980, -3.3960, 17.5000

Protanomaly

127.9020, -13.8030, 13.3730

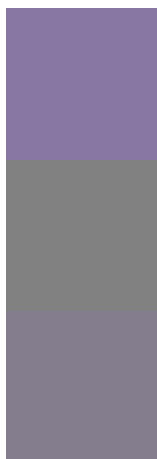
Deuteranomaly

128.6420, -10.1350, 12.9770

Tritanomaly

128.2100, -0.2310, 9.6970

Monochromacy



Original Color

129.3980, -3.3960, 17.5000

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9170, -0.9640, 6.4600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.3980, -3.3960, 17.5000 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(137, 119, 163)` looks like.

```
.text, #text, p{  
    color:rgb(137, 119, 163)  
}
```

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(137, 119, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 119, 163) }
```

Border

The CSS property to change the border of an element to YIQ 129.3980, -3.3960, 17.5000 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(137, 119, 163) }
```


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

```
.border{ border-color:rgb(137, 119, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 119, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 119, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 119, 163);  
box-shadow:4px 4px 4px 4px rgb(137, 119,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 129.3980, -3.3960, 17.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 119, 163) }
```

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

```
.background{ background-color: rgb(137,  
119, 163) }
```

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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