

Converting Colors

YIQ(119.9030, 19.9870, 17.7390)

Have a look what the booklet for
YIQ(119.9030, 19.9870, 17.7390)
contains.

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Color

**YIQ(119.9030, 19.9870,
17.7390)**

Conversions

Conversions Part 1

Format	Color
Hex	966780
RGB	150, 103, 128
RGB Percent	59%, 40%, 50%
CMY	0.4116, 0.5961, 0.4980
CMYK	0.00, 0.31, 0.15, 0.41
HSL	328°, 19%, 50%
HSV	328°, 31%, 59%
XYZ	21.3292, 17.7426, 22.7278
YIQ	119.9030, 19.9870, 17.7390

Conversions

Conversions Part 2

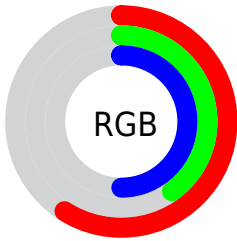
Format	Color
RYB	150, 103, 128
Decimal	9856896
CIELab	49.18, 22.88, -6.26
CIELCh	49, 23.724, 344.710
Yxy	17.7426, 0.3451, 0.2871
Android (android.graphics.Color)	4288046976 (0xFF966780)
YUV	119.9030, 3.9918, 26.3951
Hunter-Lab	42.1220, 16.6733, -2.5059

Details

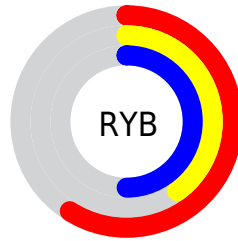
The YIQ color **119.9030, 19.9870, 17.7390** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **133.0970, -19.9870, -17.7390**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.9140, 21.4540, 18.6860**, and **70.5930, 17.9240, 16.5800** is the 20% darker color. If you saturate the color by 10%, you get **110.3000, 26.3590, 23.4070**, and if you desaturate by 10%, it is **129.5060, 13.6150, 12.0710**.

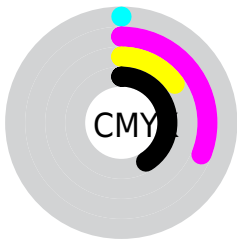
Distribution



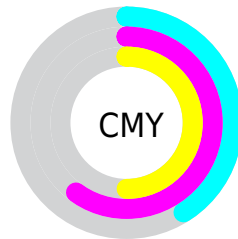
- Red (59%)
- Green (40%)
- Blue (50%)



- Red (59%)
- Yellow (40%)
- Blue (50%)



- Cyan (0%)
- Magenta (31%)
- Yellow (15%)
- Black (41%)



- Cyan (41%)
- Magenta (60%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.9030, 19.9870, 17.7390 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 119.9030, 19.9870, 17.7390 by changing the saturation by 10% instead.

■ 119.9030, 19.9870,
17.7390

■ 119.9030, 19.9870,
17.7390

■ 255.0000, -0.0000,
-0.0000

■ 95.1910, 19.1160,
17.0040

■ 172.9140, 21.4540,
18.6860

■ 70.5930, 17.9240,
16.5800

■ 200.2130, 22.0500,
18.8980

■ 47.8810, 17.0530,
15.8450

■ 225.9460, 18.4280,
18.4600

■ 24.8100, 15.8150,
16.2550

■ 245.0210, 4.6750,
8.8910

■ 10.6370, 14.6240,
10.3040

■ 0.0000, 0.0000,
0.0000

■ 119.9030, 19.9870,
17.7390

■ 119.9030, 19.9870,
17.7390

■ 110.3000, 26.3590,
23.4070

■ 129.5060, 13.6150,
12.0710

■ 100.6970, 32.7310,
29.0750

■ 139.1090, 7.2430,
6.4030

■ 91.0940, 39.1030,
34.7430

■ 148.7120, 0.8710,
0.7350

■ 81.4910, 45.4750,
40.4110

■ 158.3150, -5.5010,
-4.9330

■ 71.8880, 51.8470,
46.0790

■ 167.9180,
-11.8730, -10.6010

■ 62.2850, 58.2190,
51.7470


■ 177.5210,
-18.2450, -16.2690

■ 53.9700, 63.7200,
56.6800

■ 187.1240,
-24.6170, -21.9370

■ 196.7270,

-30.9890, -27.6050

 206.3300,
-37.3610, -33.2730

Harmonies

Analogous

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



119.5080, 2.1060, 16.9060



119.9030, 19.9870, 17.7390



119.1290, 30.8540, 13.5260

Triad

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



119.9030, 19.9870, 17.7390



114.9240, 14.3530, -12.3270



106.2250, -49.2860, -9.8780

Complementary

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



119.9030, 19.9870, 17.7390



133.0970, -19.9870, -17.7390

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.



105.9450, -42.8660, -16.0980



119.9030, 19.9870, 17.7390



112.1220, -3.9400, -16.7080

Square

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



119.9030, 19.9870, 17.7390



116.4960, 27.6020, -4.6380



109.0580, -24.2510, -17.5550



111.7090, -38.6050, 0.2990

Rectangle

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



119.9030, 19.9870, 17.7390



118.2230, 33.2850, 8.0130



109.0580, -24.2510, -17.5550



105.3450, -49.7440, -12.5920

Sweetspot

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



119.9030, 19.9870, 17.7390



182.5220, 7.5180, 6.9260



114.9360, -1.9750, 19.2810



89.9730, 4.6300, 4.1980



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.



119.9030, 19.9870, 17.7390



146.5720, 31.5850, 27.8170



117.2810, 27.3700, 10.5860



69.4350, 3.2090, 2.4170



49.5840, 58.8150, 51.9590



3.5600, 4.3550, 3.6750

Inverse Universe

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



119.9030, 19.9870, 17.7390



146.5720, 31.5850, 27.8170



135.7190, -27.3700, -10.5860



69.4350, 3.2090, 2.4170



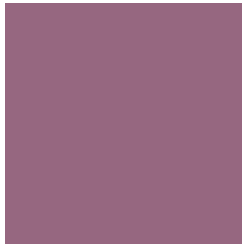
49.5840, 58.8150, 51.9590



3.5600, 4.3550, 3.6750

Previews

White Background



This preview shows how the YIQ color 119.9030, 19.9870, 17.7390 looks on a white background.

Color Contrast Check

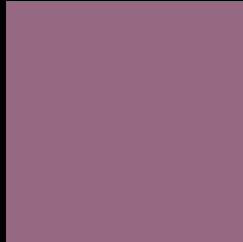
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.9030, 19.9870, 17.7390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

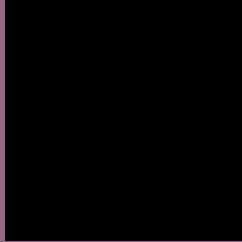
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.9030, 19.9870, 17.7390

Background



This preview shows how black text looks on a background with the YIQ color 119.9030, 19.9870, 17.7390.



This preview shows how white text looks on a background with the YIQ color 119.9030, 19.9870,

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

119.9030, 19.9870, 17.7390

Protanopia

117.4970, -8.5290, 5.8950

Deuteranopia

118.6570, 2.7040, 6.0640



Tritanopia

119.4700, 22.4640, 11.3920

Trichromacy



Original Color

119.9030, 19.9870, 17.7390

Protanomaly

118.1070, 1.5570, 10.3330

Deuteranomaly

119.1140, 8.8470, 10.3750

Tritanomaly

119.7520, 21.7300, 13.6820

Monochromacy



Original Color

119.9030, 19.9870, 17.7390

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1090, 7.2430, 6.4030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.9030, 19.9870, 17.7390 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(150, 103, 128)` looks like.

```
.text, #text, p{  
    color:rgb(150, 103, 128)  
}
```

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(150, 103, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 103, 128) }
```

Border

The CSS property to change the border of an element to YIQ 119.9030, 19.9870, 17.7390 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(150, 103, 128) }
```


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

```
.border{ border-color:rgb(150, 103, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 103, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 103, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 103, 128);  
box-shadow:4px 4px 4px 4px rgb(150, 103,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 119.9030, 19.9870, 17.7390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 103, 128) }
```

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

```
.background{ background-color: rgb(150,  
103, 128) }
```

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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