

Converting Colors

YIQ(118.5380, 19.7570, 21.9090)

Have a look what the booklet for
YIQ(118.5380, 19.7570, 21.9090)
contains.

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Color

**YIQ(118.5380, 19.7570,
21.9090)**

Conversions

Conversions Part 1

Format	Color
Hex	976386
RGB	151, 99, 134
RGB Percent	59%, 39%, 53%
CMY	0.4077, 0.6118, 0.4745
CMYK	0.00, 0.34, 0.11, 0.41
HSL	320°, 21%, 49%
HSV	320°, 34%, 59%
XYZ	21.5332, 17.2240, 24.7487
YIQ	118.5380, 19.7570, 21.9090

Conversions

Conversions Part 2

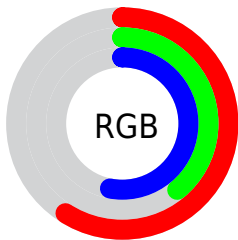
Format	Color
RYB	151, 99, 134
Decimal	9921414
CIELab	48.54, 26.61, -10.78
CIELCh	49, 28.714, 337.952
Yxy	17.2240, 0.3391, 0.2712
Android (android.graphics.Color)	4288111494 (0xFF976386)
YUV	118.5380, 7.6228, 28.4692
Hunter-Lab	41.5018, 19.9863, -6.3050

Details

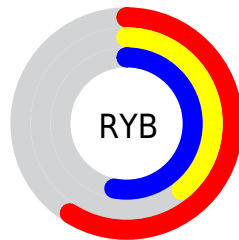
The YIQ color **118.5380, 19.7570, 21.9090** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.4620, -19.7570, -21.9090**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.5490, 21.2240, 22.8560**, and **69.1140, 18.0150, 20.4390** is the 20% darker color. If you saturate the color by 10%, you get **109.1630, 25.4870, 28.1990**, and if you desaturate by 10%, it is **127.9130, 14.0270, 15.6190**.

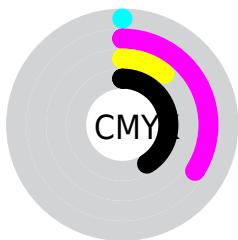
Distribution



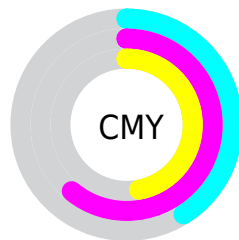
- Red (59%)
- Green (39%)
- Blue (53%)



- Red (59%)
- Yellow (39%)
- Blue (53%)



- Cyan (0%)
- Magenta (34%)
- Yellow (11%)
- Black (41%)



- Cyan (41%)
- Magenta (61%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.5380, 19.7570, 21.9090 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 118.5380, 19.7570, 21.9090 by changing the saturation by 10% instead.

■ 118.5380, 19.7570,
21.9090

■ 118.5380, 19.7570,
21.9090

■ 255.0000, -0.0000,
-0.0000

■ 93.8260, 18.8860,
21.1740

■ 171.5490, 21.2240,
22.8560

■ 69.1140, 18.0150,
20.4390

■ 198.6740, 22.3700,
24.1140

■ 45.5160, 16.8230,
20.0150

■ 224.2820, 17.6020,
22.4180

■ 22.3310, 15.9060,
20.1140

■ 242.6730, 5.7750,
10.9830

■ 11.1360, 11.7810,
12.2690

■ 0.0000, 0.0000,
0.0000

■ 118.5380, 19.7570,
21.9090

■ 118.5380, 19.7570,
21.9090

■ 109.1630, 25.4870,
28.1990

■ 127.9130, 14.0270,
15.6190

■ 99.7880, 31.2170,
34.4890

■ 137.2880, 8.2970,
9.3290

■ 90.4130, 36.9470,
40.7790

■ 146.6630, 2.5670,
3.0390

■ 81.0380, 42.6770,
47.0690

■ 156.0380, -3.1630,
-3.2510

■ 71.0760, 48.6820,
53.8820

■ 166.0000, -9.1680,
-10.0640

■ 61.7010, 54.4120,
60.1720


■ 175.3750,
-14.8980, -16.3540

■ 56.7770, 57.2540,
63.7340

■ 184.7500,
-20.6280, -22.6440

■ 194.1250,

-26.3580, -28.9340

 203.3860,
-31.7670, -35.5350

Harmonies

Analogous

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



118.0390, -3.7630, 18.6450



118.5380, 19.7570, 21.9090



117.3300, 34.8420, 18.3460

Triad

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



118.5380, 19.7570, 21.9090



113.1050, 21.0930, -13.3310



91.8620, -79.3610, -21.0010

Complementary

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



118.5380, 19.7570, 21.9090



131.4620, -19.7570, -21.9090

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.



98.7970, -54.3730, -22.3170



118.5380, 19.7570, 21.9090



110.4660, 0.7830, -19.7050

Square

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



118.5380, 19.7570, 21.9090



115.1440, 34.5250, -3.4510



106.1240, -24.6170, -21.9370



104.4940, -57.1730, -4.6050

Rectangle

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



118.5380, 19.7570, 21.9090



116.6800, 39.4280, 12.3240



106.1240, -24.6170, -21.9370



92.5480, -75.6010, -23.0650

Sweetspot

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



118.5380, 19.7570, 21.9090



184.1630, 7.1510, 8.0710



109.7120, -7.1560, 19.5640



92.2010, 3.9880, 4.8200



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



118.5380, 19.7570, 21.9090



146.0760, 30.3460, 33.7540



115.6880, 27.7820, 14.1340



71.9620, 3.1630, 3.2510



52.5760, 53.2660, 58.9140



4.9130, 4.8590, 5.5550

Inverse Universe

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



118.5380, 19.7570, 21.9090



146.0760, 30.3460, 33.7540



134.3120, -27.7820, -14.1340



71.9620, 3.1630, 3.2510



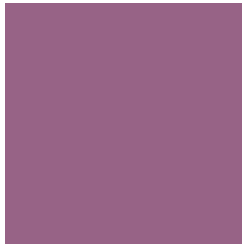
52.5760, 53.2660, 58.9140



4.9130, 4.8590, 5.5550

Previews

White Background



This preview shows how the YIQ color 118.5380, 19.7570, 21.9090 looks on a white background.

Color Contrast Check

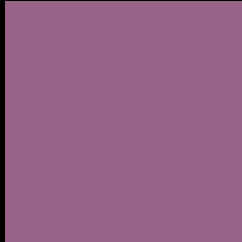
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.5380, 19.7570, 21.9090 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 118.5380, 19.7570, 21.9090

Background



This preview shows how black text looks on a background with the YIQ color 118.5380, 19.7570, 21.9090.



This preview shows how white text looks on a background with the YIQ color 118.5380, 19.7570,

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

118.5380, 19.7570, 21.9090

Protanopia

115.7400, -13.5270, 8.3690

Deuteranopia

116.9600, -2.5230, 7.1810



Tritanopia

117.3670, 24.2520, 12.0280

Trichromacy



Original Color

118.5380, 19.7570, 21.9090

Protanomaly

117.1330, -1.3320, 13.1320

Deuteranomaly

117.7270, 5.6830, 12.6510

Tritanomaly

117.9910, 22.5550, 15.2510

Monochromacy



Original Color

118.5380, 19.7570, 21.9090

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.0490, 7.4720, 7.7600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.5380, 19.7570, 21.9090 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(151, 99, 134)` looks like.

```
.text, #text, p{  
    color:rgb(151, 99, 134)  
}
```

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(151, 99, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 99, 134) }
```

Border

The CSS property to change the border of an element to YIQ 118.5380, 19.7570, 21.9090 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(151, 99, 134) }
```


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

```
.border{ border-color:rgb(151, 99, 134) }
```

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

Here you see how a box with a 4 pixel rgb(151, 99, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 99, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 99, 134);  
box-shadow:4px 4px 4px 4px rgb(151, 99,  
134) }
```

Background

The CSS property to change the background color of an element to YIQ 118.5380, 19.7570, 21.9090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 99, 134) }
```

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

```
.background{ background-color: rgb(151, 99,  
134) }
```

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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