

Converting Colors

YIQ(118.9880, 18.6100, 26.1780)

Have a look what the booklet for
YIQ(118.9880, 18.6100, 26.1780)
contains.

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Color

**YIQ(118.9880, 18.6100,
26.1780)**

Conversions

Conversions Part 1

Format	Color
Hex	99618F
RGB	153, 97, 143
RGB Percent	60%, 38%, 56%
CMY	0.3998, 0.6197, 0.4392
CMYK	0.00, 0.37, 0.07, 0.40
HSL	311°, 22%, 49%
HSV	311°, 37%, 60%
XYZ	22.3759, 17.3048, 28.1513
YIQ	118.9880, 18.6100, 26.1780

Conversions

Conversions Part 2

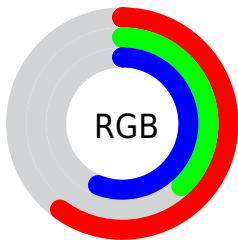
Format	Color
R_{YB}	153, 97, 143
Decimal	10051983
CIE _{Lab}	48.64, 30.10, -15.96
CIE _{LCh}	49, 34.074, 332.069
Yxy	17.3048, 0.3299, 0.2551
Android (android.graphics.Color)	4288242063 (0xFF99618F)
YUV	118.9880, 11.8379, 29.8285
Hunter-Lab	41.5991, 23.2155, -11.0039

Details

The YIQ color **118.9880, 18.6100, 26.1780** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.0120, -18.6100, -26.1780**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1130, 19.7560, 27.4360**, and **69.5640, 16.8680, 24.7080** is the 20% darker color. If you saturate the color by 10%, you get **109.8410, 23.6980, 33.0900**, and if you desaturate by 10%, it is **128.1350, 13.5220, 19.2660**.

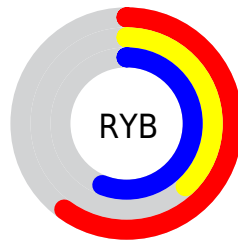
Distribution



Red (60%)

Green (38%)

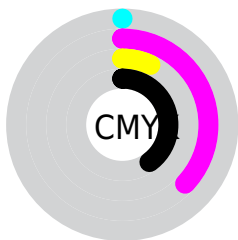
Blue (56%)



Red (60%)

Yellow (38%)

Blue (56%)

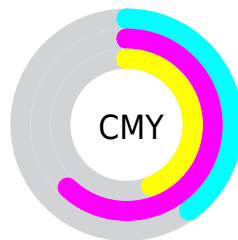


Cyan (0%)

Magenta (37%)

Yellow (7%)

Black (40%)



Cyan (40%)

Magenta (62%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 118.9880, 18.6100, 26.1780 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 118.9880, 18.6100, 26.1780 by changing the saturation by 10% instead.

■ 118.9880, 18.6100,
26.1780

■ 118.9880, 18.6100,
26.1780

■ 255.0000, -0.0000,
-0.0000

■ 93.2760, 17.7390,
25.4430

■ 172.1130, 19.7560,
27.4360

■ 69.5640, 16.8680,
24.7080

■ 199.8250, 20.6270,
28.1710

■ 45.2650, 16.2720,
24.4960

■ 224.3620, 14.6210,
26.8850

■ 21.3790, 15.9510,
24.8070

■ 241.4990, 6.3250,
12.0290

■ 12.5320, 10.7260,
14.8700

■ 0.0000, 0.0000,
0.0000

118.9880, 18.6100,
26.1780

118.9880, 18.6100,
26.1780

109.8410, 23.6980,
33.0900

128.1350, 13.5220,
19.2660

100.2210, 28.7400,
40.8360

137.7550, 8.4800,
11.5200

91.0740, 33.8280,
47.7480

146.9020, 3.3920,
4.6080

81.9270, 38.9160,
54.6600

156.0490, -1.6960,
-2.3040

72.1930, 44.2790,
62.0950

165.7830, -7.0590,
-9.7390

63.1600, 49.0460,
69.3180

174.8160,
-11.8260, -16.9620

60.1110, 50.7420,
71.6220

183.9630,
-16.9140, -23.8740

193.1100,

-22.0020, -30.7860

 202.8440,
-27.3650, -38.2210

Harmonies

Analogous

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



117.6840, -9.9530, 20.6950



118.9880, 18.6100, 26.1780



117.6450, 38.5090, 23.4770

Triad

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



118.9880, 18.6100, 26.1780



113.1720, 28.1540, -14.6460



92.8400, -82.2950, -22.8950

Complementary

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



118.9880, 18.6100, 26.1780



131.0120, -18.6100, -26.1780

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.



89.6480, -73.3070, -31.6030



118.9880, 18.6100, 26.1780



110.1090, 6.1020, -22.4900

Square

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



118.9880, 18.6100, 26.1780



114.8030, 42.9150, -1.3170



104.6030, -24.7080, -25.7960



92.8860, -87.9360, -14.2720

Rectangle

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



118.9880, 18.6100, 26.1780



116.2510, 45.2500, 16.9460



104.6030, -24.7080, -25.7960



91.8140, -79.4060, -25.6940

Sweetspot

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



118.9880, 18.6100, 26.1780



185.6300, 7.3340, 10.2620



106.0750, -12.6120, 19.3240



91.7280, 3.9420, 5.6540



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.



118.9880, 18.6100, 26.1780



145.5200, 29.3360, 41.0480



115.9100, 27.2770, 17.7810



72.0760, 2.8420, 3.5620



54.9700, 46.5250, 65.4450



5.0270, 4.5380, 5.8660

Inverse Universe

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



118.9880, 18.6100, 26.1780



145.5200, 29.3360, 41.0480



134.0900, -27.2770, -17.7810



72.0760, 2.8420, 3.5620



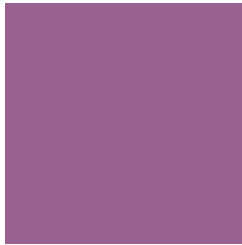
54.9700, 46.5250, 65.4450



5.0270, 4.5380, 5.8660

Previews

White Background



This preview shows how the YIQ color 118.9880, 18.6100, 26.1780 looks on a white background.

Color Contrast Check

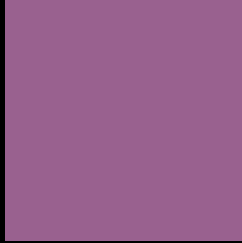
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9880, 18.6100, 26.1780 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 118.9880, 18.6100, 26.1780

Background



This preview shows how black text looks on a background with the YIQ color 118.9880, 18.6100, 26.1780.



This preview shows how white text looks on a background with the YIQ color 118.9880, 18.6100,

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

118.9880, 18.6100, 26.1780

Protanopia

115.7980, -19.4420, 10.9420

Deuteranopia

116.6760, -7.4750, 8.8210



Tritanopia

117.6660, 24.8480, 12.2400

Trichromacy



Original Color

118.9880, 18.6100, 26.1780

Protanomaly

117.0880, -5.4590, 16.3410

Deuteranomaly

117.4540, 2.1980, 15.2380

Tritanomaly

118.1590, 22.1420, 17.2300

Monochromacy



Original Color

118.9880, 18.6100, 26.1780

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.9180, 6.4630, 9.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.9880, 18.6100, 26.1780 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(153, 97, 143)` looks like.

```
.text, #text, p{  
    color:rgb(153, 97, 143)  
}
```

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(153, 97, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 97, 143) }
```

Border

The CSS property to change the border of an element to YIQ 118.9880, 18.6100, 26.1780 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(153, 97, 143) }
```


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

```
.border{ border-color:rgb(153, 97, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 97, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 97, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 97, 143);  
box-shadow:4px 4px 4px 4px rgb(153, 97,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 118.9880, 18.6100, 26.1780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 97, 143) }
```

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

```
.background{ background-color: rgb(153, 97,  
143) }
```

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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