

Converting Colors

YIQ(119.0670, 25.3970, 18.8130)

Have a look what the booklet for
YIQ(119.0670, 25.3970, 18.8130)
contains.

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Color

**YIQ(119.0670, 25.3970,
18.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	9B647B
RGB	155, 100, 123
RGB Percent	61%, 39%, 48%
CMY	0.3920, 0.6079, 0.5176
CMYK	0.00, 0.36, 0.21, 0.39
HSL	335°, 22%, 50%
HSV	335°, 36%, 61%
XYZ	21.6561, 17.5127, 20.9847
YIQ	119.0670, 25.3970, 18.8130

Conversions

Conversions Part 2

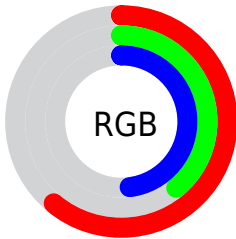
Format	Color
R_{YB}	155, 100, 123
Decimal	10183803
CIE _{Lab}	48.90, 25.65, -3.63
CIE _{LCh}	49, 25.903, 351.945
Yxy	17.5127, 0.3600, 0.2911
Android (android.graphics.Color)	4288373883 (0xFF9B647B)
YUV	119.0670, 1.9390, 31.5132
Hunter-Lab	41.8482, 19.1379, -0.4371

Details

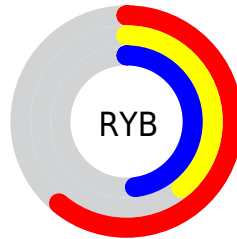
The YIQ color **119.0670, 25.3970, 18.8130** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **135.9330, -25.3970, -18.8130**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9640, 27.1850, 19.4490**, and **69.4580, 22.7380, 17.4420** is the 20% darker color. If you saturate the color by 10%, you get **108.6490, 32.6860, 24.3820**, and if you desaturate by 10%, it is **128.8980, 18.3830, 13.7670**.

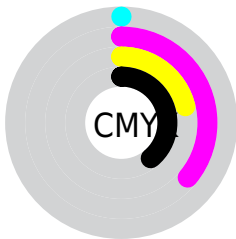
Distribution



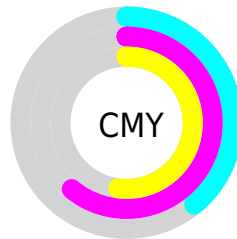
- Red (61%)
- Green (39%)
- Blue (48%)



- Red (61%)
- Yellow (39%)
- Blue (48%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (39%)



- Cyan (39%)
- Magenta (61%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0670, 25.3970, 18.8130 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 119.0670, 25.3970, 18.8130 by changing the saturation by 10% instead.

■ 119.0670, 25.3970,
18.8130

■ 119.0670, 25.3970,
18.8130

255.0000, -0.0000,
-0.0000

■ 93.4690, 24.2050,
18.3890

■ 171.9640, 27.1850,
19.4490

■ 69.4580, 22.7380,
17.4420

■ 199.6760, 28.0560,
20.1840

■ 45.9740, 21.2250,
17.3290

■ 223.5010, 21.1790,
18.1630

■ 22.9030, 19.9870,
17.7390

■ 243.2600, 5.5000,
10.4600

■ 10.7360, 18.6590,
8.7630

■ 0.0000, 0.0000,
0.0000

■ 119.0670, 25.3970,
18.8130

■ 119.0670, 25.3970,
18.8130

■ 108.6490, 32.6860,
24.3820

■ 128.8980, 18.3830,
13.7670

■ 98.8180, 39.7000,
29.4280

■ 139.3160, 11.0940,
8.1980

■ 88.4000, 46.9890,
34.9970

■ 149.1470, 4.0800,
3.1520

■ 78.5690, 54.0030,
40.0430

■ 159.5650, -3.2090,
-2.4170

■ 68.1510, 61.2920,
45.6120

■ 169.3960,
-10.2230, -7.4630

■ 58.3200, 68.3060,
50.6580


■ 179.8140,
-17.5120, -13.0320

■ 53.7550, 71.5150,
53.0750

■ 190.2320,
-24.8010, -18.6010

■ 200.0630,

-31.8150, -23.6470

 210.4810,
-39.1040, -29.2160

Harmonies

Analogous

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



119.1990, 7.4700, 18.8140



119.0670, 25.3970, 18.8130



117.7550, 34.8430, 12.8190

Triad

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



119.0670, 25.3970, 18.8130



113.3750, 11.4650, -15.0550



103.9300, -55.7050, -9.1850

Complementary

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



119.0670, 25.3970, 18.8130



135.9330, -25.3970, -18.8130

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.



102.1440, -53.7320, -17.4120



119.0670, 25.3970, 18.8130



110.0180, -9.5790, -19.1390

Square

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



119.0670, 25.3970, 18.8130



115.3170, 26.5480, -7.5640



106.1000, -33.2370, -19.9010



111.2900, -38.7430, 2.8010

Rectangle

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



119.0670, 25.3970, 18.8130



117.1370, 36.4030, 6.5710



106.1000, -33.2370, -19.9010



102.7400, -58.2260, -13.0580

Sweetspot

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



119.0670, 25.3970, 18.8130



186.7180, 9.9020, 7.7740



115.5390, 0.8210, 23.6770



93.4570, 6.1430, 4.3110



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



119.0670, 25.3970, 18.8130



144.8180, 39.7000, 29.4280



118.7930, 31.6800, 9.5680



71.7340, 3.8050, 2.6290



48.5860, 64.5010, 48.0290



4.4570, 6.1430, 4.3110

Inverse Universe

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



119.0670, 25.3970, 18.8130



144.8180, 39.7000, 29.4280



136.2070, -31.6800, -9.5680



71.7340, 3.8050, 2.6290



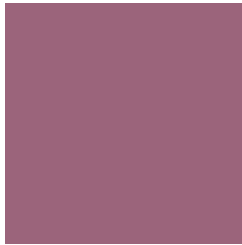
48.5860, 64.5010, 48.0290



4.4570, 6.1430, 4.3110

Previews

White Background



This preview shows how the YIQ color 119.0670, 25.3970, 18.8130 looks on a white background.

Color Contrast Check

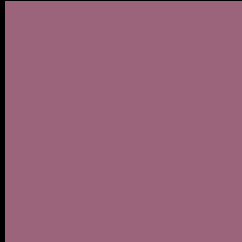
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0670, 25.3970, 18.8130 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 119.0670, 25.3970, 18.8130

Background



This preview shows how black text looks on a background with the YIQ color 119.0670, 25.3970, 18.8130.



This preview shows how white text looks on a background with the YIQ color 119.0670, 25.3970,

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

119.0670, 25.3970, 18.8130

Protanopia

117.3400, -6.6490, 4.8630

Deuteranopia

117.7990, 5.1800, 5.2440



Tritanopia

118.4600, 28.4240, 13.5120

Trichromacy



Original Color

119.0670, 25.3970, 18.8130

Protanomaly

117.8470, 5.2250, 9.9370

Deuteranomaly

118.2670, 12.7900, 10.5020

Tritanomaly

118.4430, 27.0940, 15.5900

Monochromacy



Original Color

119.0670, 25.3970, 18.8130

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.8920, 9.3520, 6.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0670, 25.3970, 18.8130 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(155, 100, 123)` looks like.

```
.text, #text, p{  
    color:rgb(155, 100, 123)  
}
```

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(155, 100, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 100, 123) }
```

Border

The CSS property to change the border of an element to YIQ 119.0670, 25.3970, 18.8130 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(155, 100, 123) }
```


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

```
.border{ border-color:rgb(155, 100, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 100, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 100, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 100, 123);  
box-shadow:4px 4px 4px 4px rgb(155, 100,  
123) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0670, 25.3970, 18.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 100, 123) }
```

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

```
.background{ background-color: rgb(155,  
100, 123) }
```

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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