

Converting Colors

YIQ(119.5830, 23.8840, 18.7000)

Have a look what the booklet for
YIQ(119.5830, 23.8840, 18.7000)
contains.

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Color

**YIQ(119.5830, 23.8840,
18.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	9A657D
RGB	154, 101, 125
RGB Percent	60%, 40%, 49%
CMY	0.3959, 0.6040, 0.5097
CMYK	0.00, 0.34, 0.19, 0.40
HSL	333°, 21%, 50%
HSV	333°, 34%, 60%
XYZ	21.6877, 17.6578, 21.6738
YIQ	119.5830, 23.8840, 18.7000

Conversions

Conversions Part 2

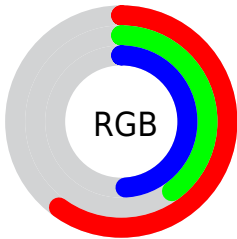
Format	Color
RYB	154, 101, 125
Decimal	10118525
CIELab	49.08, 25.03, -4.57
CIElCh	49, 25.440, 349.646
Yxy	17.6578, 0.3554, 0.2894
Android (android.graphics.Color)	4288308605 (0xFF9A657D)
YUV	119.5830, 2.6706, 30.1837
Hunter-Lab	42.0211, 18.5894, -1.1659

Details

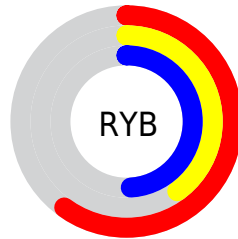
The YIQ color **119.5830, 23.8840, 18.7000** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **135.4170, -23.8840, -18.7000**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.5940, 25.3510, 19.6470**, and **70.2730, 21.8210, 17.5410** is the 20% darker color. If you saturate the color by 10%, you get **109.8660, 30.5770, 24.0570**, and if you desaturate by 10%, it is **129.3000, 17.1910, 13.3430**.

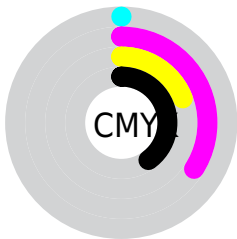
Distribution



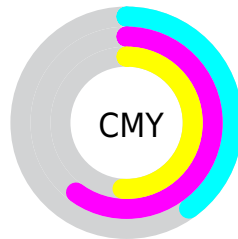
- Red (60%)
- Green (40%)
- Blue (49%)



- Red (60%)
- Yellow (40%)
- Blue (49%)



- Cyan (0%)
- Magenta (34%)
- Yellow (19%)
- Black (40%)



- Cyan (40%)
- Magenta (60%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.5830, 23.8840, 18.7000 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 119.5830, 23.8840, 18.7000 by changing the saturation by 10% instead.

■ 119.5830, 23.8840,
18.7000

■ 119.5830, 23.8840,
18.7000

■ 255.0000, -0.0000,
-0.0000

■ 93.9850, 22.6920,
18.2760

■ 172.5940, 25.3510,
19.6470

■ 70.2730, 21.8210,
17.5410

■ 200.1920, 26.5430,
20.0710

■ 46.7890, 20.3080,
17.4280

■ 224.3160, 20.2620,
18.2620

■ 23.6040, 19.3910,
17.5270

■ 243.8470, 5.2250,
9.9370

■ 11.0780, 17.6960,
9.6960

■ 0.0000, 0.0000,
0.0000

■ 119.5830, 23.8840,
18.7000

■ 119.5830, 23.8840,
18.7000

■ 109.8660, 30.5770,
24.0570

■ 129.3000, 17.1910,
13.3430

■ 99.4480, 37.8660,
29.6260

■ 139.7180, 9.9020,
7.7740

■ 89.7310, 44.5590,
34.9830

■ 149.4350, 3.2090,
2.4170

■ 79.3130, 51.8480,
40.5520

■ 159.8530, -4.0800,
-3.1520

■ 69.5960, 58.5410,
45.9090

■ 169.5700,
-10.7730, -8.5090

■ 59.7650, 65.5550,
50.9550


■ 179.4010,
-17.7870, -13.5550

■ 54.0260, 69.3140,
54.4180

■ 189.7050,
-24.7550, -19.4350

■ 199.4220,

-31.4480, -24.7920

 209.8400,
-38.7370, -30.3610

Harmonies

Analogous

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



119.7150, 5.9570, 18.7010



119.5830, 23.8840, 18.7000



118.5700, 33.9260, 12.9180

Triad

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



119.5830, 23.8840, 18.7000



114.0870, 12.3360, -14.3200



104.7020, -55.0630, -9.8070

Complementary

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



119.5830, 23.8840, 18.7000



135.4170, -23.8840, -18.7000

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.



103.1120, -50.7060, -17.1860



119.5830, 23.8840, 18.7000



110.9150, -7.7910, -18.5030

Square

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



119.5830, 23.8840, 18.7000



116.0290, 27.4190, -6.8290



107.1820, -30.5320, -19.3640



111.5780, -39.6140, 2.0660

Rectangle

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



119.5830, 23.8840, 18.7000



117.9520, 35.4860, 6.6700



107.1820, -30.5320, -19.3640



103.1100, -56.3920, -13.2560

Sweetspot

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



119.5830, 23.8840, 18.7000



188.0060, 9.0310, 7.0390



115.4140, -0.3250, 22.4190



94.1580, 5.5470, 4.0990



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.



119.5830, 23.8840, 18.7000



147.7360, 36.9950, 28.8910



118.0210, 31.0380, 10.1900



71.7340, 3.8050, 2.6290



49.1560, 62.8960, 49.5840



4.5710, 5.8220, 4.6220

Inverse Universe

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



119.5830, 23.8840, 18.7000



147.7360, 36.9950, 28.8910



136.9790, -31.0380, -10.1900



71.7340, 3.8050, 2.6290



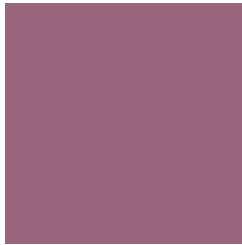
49.1560, 62.8960, 49.5840



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 119.5830, 23.8840, 18.7000 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 119.5830, 23.8840, 18.7000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

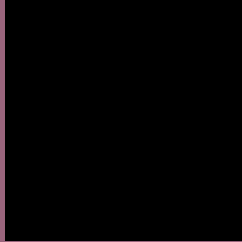
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.5830, 23.8840, 18.7000

Background



This preview shows how black text looks on a background with the YIQ color 119.5830, 23.8840, 18.7000.



This preview shows how white text looks on a background with the YIQ color 119.5830, 23.8840,

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

119.5830, 23.8840, 18.7000

Protanopia

117.5680, -7.2910, 5.4850

Deuteranopia

118.6140, 4.2630, 5.3430



Tritanopia

118.8620, 27.2320, 13.0880

Trichromacy



Original Color

119.5830, 23.8840, 18.7000

Protanomaly

118.6620, 4.3080, 10.0360

Deuteranomaly

118.7830, 11.2770, 10.3890

Tritanomaly

118.8450, 25.9020, 15.1660

Monochromacy



Original Color

119.5830, 23.8840, 18.7000

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.7070, 8.4350, 6.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.5830, 23.8840, 18.7000 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(154, 101, 125)` looks like.

```
.text, #text, p{  
    color:rgb(154, 101, 125)  
}
```

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(154, 101, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 101, 125) }
```

Border

The CSS property to change the border of an element to YIQ 119.5830, 23.8840, 18.7000 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(154, 101, 125) }
```


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

```
.border{ border-color:rgb(154, 101, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 101, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 101, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 101, 125);  
box-shadow:4px 4px 4px 4px rgb(154, 101,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 119.5830, 23.8840, 18.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 101, 125) }
```

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

```
.background{ background-color: rgb(154,  
101, 125) }
```

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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