

Converting Colors

YIQ(119.4400, 23.1490, 26.5170)

Have a look what the booklet for
YIQ(119.4400, 23.1490, 26.5170)
contains.

YIQ(119.4400, 23.1490, 26.5170)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(119.4400, 23.1490,
26.5170)**

Conversions

Conversions Part 1

Format	Color
Hex	9E608B
RGB	158, 96, 139
RGB Percent	62%, 38%, 55%
CMY	0.3802, 0.6236, 0.4548
CMYK	0.00, 0.39, 0.12, 0.38
HSL	318°, 24%, 50%
HSV	318°, 39%, 62%
XYZ	22.9511, 17.4991, 26.5998
YIQ	119.4400, 23.1490, 26.5170

Conversions

Conversions Part 2

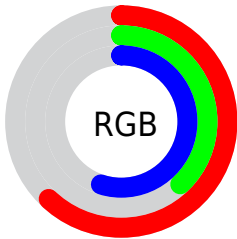
Format	Color
R_{YB}	158, 96, 139
Decimal	10379403
CIE _{Lab}	48.88, 31.69, -13.16
CIE _{LCh}	49, 34.313, 337.448
Yxy	17.4991, 0.3423, 0.2610
Android (android.graphics.Color)	4288569483 (0xFF9E608B)
YUV	119.4400, 9.6431, 33.8171
Hunter-Lab	41.8320, 24.7280, -8.4186

Details

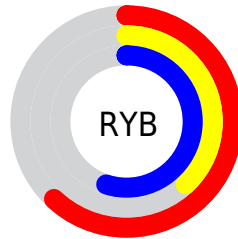
The YIQ color **119.4400, 23.1490, 26.5170** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.5600, -23.1490, -26.5170**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8640, 24.8910, 27.9870**, and **69.1300, 21.0860, 25.3580** is the 20% darker color. If you saturate the color by 10%, you get **109.4780, 29.1540, 33.3300**, and if you desaturate by 10%, it is **129.4020, 17.1440, 19.7040**.

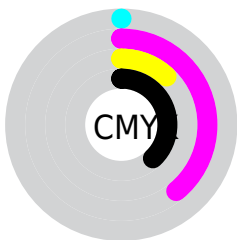
Distribution



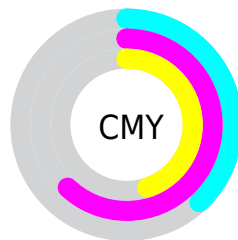
- Red (62%)
- Green (38%)
- Blue (55%)



- Red (62%)
- Yellow (38%)
- Blue (55%)



- Cyan (0%)
- Magenta (39%)
- Yellow (12%)
- Black (38%)




- Cyan (38%)
- Magenta (62%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.4400, 23.1490, 26.5170 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 119.4400, 23.1490, 26.5170 by changing the saturation by 10% instead.


 119.4400, 23.1490,
26.5170


 119.4400, 23.1490,
26.5170


255.0000, -0.0000,
-0.0000


 93.8420, 21.9570,
26.0930


 172.8640, 24.8910,
27.9870


 69.1300, 21.0860,
25.3580


 200.4620, 26.0830,
28.4110

 44.9450, 20.1690,
25.4570

 223.2050, 16.5010,
25.8530

 21.6460, 19.5730,
25.2450

 240.9120, 6.6000,
12.5520

 13.3860, 14.0730,
14.7850

 0.0000, 0.0000,
0.0000

■ 119.4400, 23.1490,
26.5170

■ 119.4400, 23.1490,
26.5170

■ 109.4780, 29.1540,
33.3300

■ 129.4020, 17.1440,
19.7040

■ 99.5160, 35.1590,
40.1430

■ 139.3640, 11.1390,
12.8910

■ 90.1410, 40.8890,
46.4330

■ 148.7390, 5.4090,
6.6010

■ 80.2930, 46.5730,
53.5570

■ 158.5870, -0.2750,
-0.5230

■ 70.3310, 52.5780,
60.3700

■ 168.5490, -6.2800,
-7.3360

■ 60.3690, 58.5830,
67.1830


■ 178.5110,
-12.2850, -14.1490

■ 59.7820, 58.8580,
67.7060

■ 188.4730,
-18.2900, -20.9620

■ 197.8480,

-24.0200, -27.2520

 207.8100,
-30.0250, -34.0650

Harmonies

Analogous

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



118.9620, -4.8640, 22.0800



119.4400, 23.1490, 26.5170



117.6730, 41.3060, 22.3460

Triad

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



119.4400, 23.1490, 26.5170



113.1500, 25.2200, -16.5400



93.5240, -84.2210, -21.0290

Complementary

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



119.4400, 23.1490, 26.5170



134.5600, -23.1490, -26.5170

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.



90.9190, -75.5080, -30.2600



119.4400, 23.1490, 26.5170



109.9450, 0.6920, -23.5640

Square

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



119.4400, 23.1490, 26.5170



115.4390, 40.9440, -4.1440



103.3680, -31.3560, -26.4600



92.6410, -88.6240, -12.8160

Rectangle

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



119.4400, 23.1490, 26.5170



117.2680, 46.5800, 14.8680



103.3680, -31.3560, -26.4600



93.0850, -81.6070, -24.3510

Sweetspot

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



119.4400, 23.1490, 26.5170



191.4130, 9.4430, 10.5870



108.7490, -8.5780, 23.3100



95.6250, 5.7300, 6.2900



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



119.4400, 23.1490, 26.5170



146.0540, 36.5800, 41.9240



115.9060, 33.1000, 16.8760



74.0760, 2.8420, 3.5620



54.0430, 53.4490, 61.1050



5.7390, 5.4090, 6.6010

Inverse Universe

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



119.4400, 23.1490, 26.5170



146.0540, 36.5800, 41.9240



138.0940, -33.1000, -16.8760



74.0760, 2.8420, 3.5620



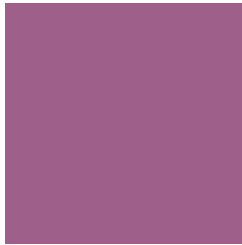
54.0430, 53.4490, 61.1050



5.7390, 5.4090, 6.6010

Previews

White Background



This preview shows how the YIQ color 119.4400, 23.1490, 26.5170 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 119.4400, 23.1490, 26.5170 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 119.4400, 23.1490, 26.5170

Background



This preview shows how black text looks on a background with the YIQ color 119.4400, 23.1490, 26.5170.



This preview shows how white text looks on a background with the YIQ color 119.4400, 23.1490,

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

119.4400, 23.1490, 26.5170

Protanopia

116.9400, -16.9660, 10.1220

Deuteranopia

118.0030, -4.0820, 7.9020



Tritanopia

118.6450, 29.3410, 13.4130

Trichromacy



Original Color

119.4400, 23.1490, 26.5170

Protanomaly

117.9420, -2.1120, 16.2560

Deuteranomaly

118.1940, 5.8660, 14.8420

Tritanomaly

119.0240, 26.9560, 18.0920

Monochromacy



Original Color

119.4400, 23.1490, 26.5170

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2880, 8.2970, 9.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4400, 23.1490, 26.5170 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(158, 96, 139)` looks like.

```
.text, #text, p{  
    color:rgb(158, 96, 139)  
}
```

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(158, 96, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 96, 139) }
```

Border

The CSS property to change the border of an element to YIQ 119.4400, 23.1490, 26.5170 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(158, 96, 139) }
```


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

```
.border{ border-color:rgb(158, 96, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 96, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 96, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 96, 139);  
box-shadow:4px 4px 4px 4px rgb(158, 96,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 119.4400, 23.1490, 26.5170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 96, 139) }
```

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

```
.background{ background-color: rgb(158, 96,  
139) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor