

Converting Colors

YIQ(119.8110, 23.2420, 19.3220)

Have a look what the booklet for
YIQ(119.8110, 23.2420, 19.3220)
contains.

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Color

**YIQ(119.8110, 23.2420,
19.3220)**

Conversions

Conversions Part 1

Format	Color
Hex	9A657F
RGB	154, 101, 127
RGB Percent	60%, 40%, 50%
CMY	0.3959, 0.6040, 0.5019
CMYK	0.00, 0.34, 0.18, 0.40
HSL	331°, 21%, 50%
HSV	331°, 34%, 60%
XYZ	21.8168, 17.7094, 22.3533
YIQ	119.8110, 23.2420, 19.3220

Conversions

Conversions Part 2

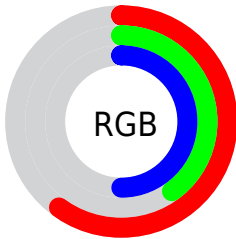
Format	Color
RYB	154, 101, 127
Decimal	10118527
CIELab	49.14, 25.36, -5.67
CIELCh	49, 25.984, 347.394
Yxy	17.7094, 0.3526, 0.2862
Android (android.graphics.Color)	4288308607 (0xFF9A657F)
YUV	119.8110, 3.5442, 29.9838
Hunter-Lab	42.0826, 18.8951, -2.0358

Details

The YIQ color **119.8110, 23.2420, 19.3220** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **135.1890, -23.2420, -19.3220**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.8220, 24.7090, 20.2690**, and **70.5010, 21.1790, 18.1630** is the 20% darker color. If you saturate the color by 10%, you get **110.0940, 29.9350, 24.6790**, and if you desaturate by 10%, it is **129.5280, 16.5490, 13.9650**.

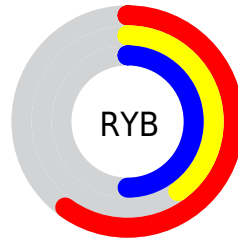
Distribution



Red (60%)

Green (40%)

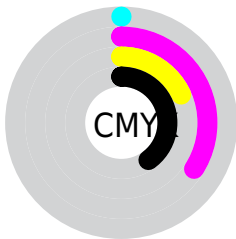
Blue (50%)



Red (60%)

Yellow (40%)

Blue (50%)

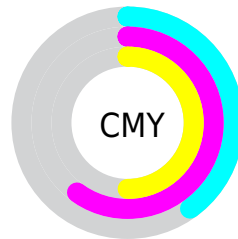


Cyan (0%)

Magenta (34%)

Yellow (18%)

Black (40%)



Cyan (40%)


Magenta (60%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.8110, 23.2420, 19.3220 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 119.8110, 23.2420, 19.3220 by changing the saturation by 10% instead.


 119.8110, 23.2420,
19.3220

 119.8110, 23.2420,
19.3220


255.0000, -0.0000,
-0.0000


 94.2130, 22.0500,
18.8980


 172.8220, 24.7090,
20.2690

 70.5010, 21.1790,
18.1630


 200.4200, 25.9010,
20.6930


 46.9030, 19.9870,
17.7390

 224.5440, 19.6200,
18.8840

 23.8320, 18.7490,
18.1490

 243.8470, 5.2250,
9.9370

 11.4200, 16.7330,
10.6290

 0.0000, 0.0000,
0.0000

119.8110, 23.2420,
19.3220

119.8110, 23.2420,
19.3220

110.0940, 29.9350,
24.6790

129.5280, 16.5490,
13.9650

99.7900, 36.9030,
30.5590

139.8320, 9.5810,
8.0850

90.0730, 43.5960,
35.9160

149.5490, 2.8880,
2.7280

79.8830, 50.2430,
42.1070

159.7390, -3.7590,
-3.4630

70.1660, 56.9360,
47.4640

169.4560,
-10.4520, -8.8200

60.4490, 63.6290,
52.8210


179.1730,
-17.1450, -14.1770

54.7100, 67.3880,
56.2840

189.4770,
-24.1130, -20.0570

199.1940,

-30.8060, -25.4140

 209.4980,
-37.7740, -31.2940

Harmonies

Analogous

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



119.9320, 3.8480, 18.3760



119.8110, 23.2420, 19.3220



118.5100, 34.1550, 14.2750

Triad

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



119.8110, 23.2420, 19.3220



113.8700, 14.4450, -13.9950



103.9790, -57.4010, -11.4890

Complementary

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



119.8110, 23.2420, 19.3220



135.1890, -23.2420, -19.3220

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.



102.9870, -51.8520, -18.4440



119.8110, 23.2420, 19.3220



111.2850, -5.9570, -18.7010

Square

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



119.8110, 23.2420, 19.3220



116.0400, 28.8860, -5.8820



107.2530, -29.2940, -19.7740



110.9690, -42.2730, 0.6950

Rectangle

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



119.8110, 23.2420, 19.3220



118.0770, 36.6320, 7.9280



107.2530, -29.2940, -19.7740



102.5010, -59.0510, -14.6270

Sweetspot

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



119.8110, 23.2420, 19.3220



188.1200, 8.7100, 7.3500



115.1150, -0.9210, 22.2070



94.2720, 5.2260, 4.4100



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.



119.8110, 23.2420, 19.3220



148.0780, 36.0320, 29.8240



116.8470, 31.5880, 11.2360



71.8480, 3.4840, 2.9400



49.7260, 61.2910, 51.1390



4.5710, 5.8220, 4.6220

Inverse Universe

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



119.8110, 23.2420, 19.3220



148.0780, 36.0320, 29.8240



138.1530, -31.5880, -11.2360



71.8480, 3.4840, 2.9400



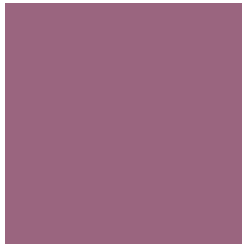
49.7260, 61.2910, 51.1390



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 119.8110, 23.2420, 19.3220 looks on a white background.

Color Contrast Check

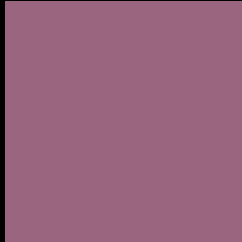
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.8110, 23.2420, 19.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

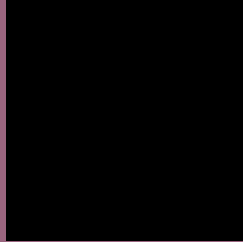
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.8110, 23.2420, 19.3220

Background



This preview shows how black text looks on a background with the YIQ color 119.8110, 23.2420, 19.3220.



This preview shows how white text looks on a background with the YIQ color 119.8110, 23.2420,

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

119.8110, 23.2420, 19.3220

Protanopia

117.4970, -8.5290, 5.8950

Deuteranopia

118.5430, 3.0250, 5.7530



Tritanopia

119.2640, 26.0400, 12.6640

Trichromacy



Original Color

119.8110, 23.2420, 19.3220

Protanomaly

118.5910, 3.0700, 10.4460

Deuteranomaly

119.0110, 10.6350, 11.0110

Tritanomaly

119.5460, 25.3060, 14.9540

Monochromacy



Original Color

119.8110, 23.2420, 19.3220

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

119.8210, 8.1140, 7.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.8110, 23.2420, 19.3220 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, 127)` looks like.

```
.text, #text, p{  
    color:rgb(154, 101, 127)  
}
```

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, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 101, 127) }
```

Border

The CSS property to change the border of an element to YIQ 119.8110, 23.2420, 19.3220 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, 127) }
```


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

```
.border{ border-color:rgb(154, 101, 127) }
```

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, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 101, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 101, 127);  
box-shadow:4px 4px 4px 4px rgb(154, 101,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 119.8110, 23.2420, 19.3220 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, 127) }
```

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

```
.background{ background-color: rgb(154,  
101, 127) }
```

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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