

Converting Colors

YIQ(119.4610, 18.6560, 25.3440)

Have a look what the booklet for
YIQ(119.4610, 18.6560, 25.3440)
contains.

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Color

**YIQ(119.4610, 18.6560,
25.3440)**

Conversions

Conversions Part 1

Format	Color
Hex	99628E
RGB	153, 98, 142
RGB Percent	60%, 38%, 56%
CMY	0.3998, 0.6158, 0.4431
CMYK	0.00, 0.36, 0.07, 0.40
HSL	312°, 22%, 49%
HSV	312°, 36%, 60%
XYZ	22.3933, 17.4606, 27.7852
YIQ	119.4610, 18.6560, 25.3440

Conversions

Conversions Part 2

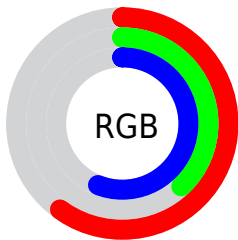
Format	Color
R_{YB}	153, 98, 142
Decimal	10052238
CIE _{Lab}	48.84, 29.35, -15.07
CIE _{LCh}	49, 32.995, 332.819
Yxy	17.4606, 0.3311, 0.2581
Android (android.graphics.Color)	4288242318 (0xFF99628E)
YUV	119.4610, 11.1117, 29.4137
Hunter-Lab	41.7859, 22.5338, -10.1743

Details

The YIQ color **119.4610, 18.6560, 25.3440** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **131.5390, -18.6560, -25.3440**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.5860, 19.8020, 26.6020**, and **70.0370, 16.9140, 23.8740** is the 20% darker color. If you saturate the color by 10%, you get **110.3140, 23.7440, 32.2560**, and if you desaturate by 10%, it is **128.6080, 13.5680, 18.4320**.

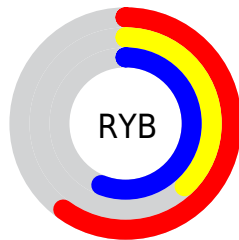
Distribution



Red (60%)

Green (38%)

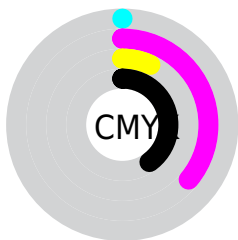
Blue (56%)



Red (60%)

Yellow (38%)

Blue (56%)

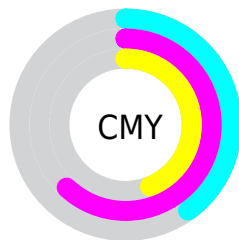


Cyan (0%)

Magenta (36%)

Yellow (7%)

Black (40%)



Cyan (40%)


Magenta (62%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.4610, 18.6560, 25.3440 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 119.4610, 18.6560, 25.3440 by changing the saturation by 10% instead.


 119.4610, 18.6560,
25.3440


 119.4610, 18.6560,
25.3440


255.0000, -0.0000,
-0.0000


 94.0480, 18.3810,
24.8210


 172.5860, 19.8020,
26.6020


 70.0370, 16.9140,
23.8740

 200.2980, 20.6730,
27.3370

 45.7380, 16.3180,
23.6620

 224.7210, 14.9880,
25.7400

 22.5530, 15.4010,
23.7610

 242.0860, 6.0500,
11.5060

 12.4180, 11.0470,
14.5590

 0.0000, 0.0000,
0.0000

119.4610, 18.6560,
25.3440

119.4610, 18.6560,
25.3440

110.3140, 23.7440,
32.2560

128.6080, 13.5680,
18.4320

100.5800, 29.1070,
39.6910

138.3420, 8.2050,
10.9970

91.4330, 34.1950,
46.6030

147.4890, 3.1170,
4.0850

82.2860, 39.2830,
53.5150

156.6360, -1.9710,
-2.8270

72.5520, 44.6460,
60.9500

166.3700, -7.3340,
-10.2620

63.4050, 49.7340,
67.8620


175.5170,
-12.4220, -17.1740

59.6550, 52.0260,
70.3780

184.6640,
-17.5100, -24.0860

193.9250,

-22.9190, -30.6870

 203.6590,
-28.2820, -38.1220

Harmonies

Analogous

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



118.4560, -9.3110, 20.0730



119.4610, 18.6560, 25.3440



117.8190, 37.9590, 22.4310

Triad

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



119.4610, 18.6560, 25.3440



113.4000, 27.5120, -14.0240



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.



119.4610, 18.6560, 25.3440



131.5390, -18.6560, -25.3440

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.



92.1430, -70.3270, -30.5430



119.4610, 18.6560, 25.3440



110.4510, 5.1390, -21.5570

Square

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



119.4610, 18.6560, 25.3440



115.3190, 41.4020, -1.4300



105.4290, -24.1580, -24.7500



92.7720, -87.6150, -14.5830

Rectangle

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



119.4610, 18.6560, 25.3440



117.2400, 43.7830, 15.9990



105.4290, -24.1580, -24.7500



91.9280, -79.7270, -25.3830

Sweetspot

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



119.4610, 18.6560, 25.3440



185.6300, 7.3340, 10.2620



107.5590, -11.0990, 19.4370



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.



119.4610, 18.6560, 25.3440



146.5800, 29.1070, 39.6910



116.2690, 27.6440, 16.6360



72.0760, 2.8420, 3.5620



54.6280, 47.4880, 64.5120



5.0270, 4.5380, 5.8660

Inverse Universe

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



119.4610, 18.6560, 25.3440



146.5800, 29.1070, 39.6910



134.7310, -27.6440, -16.6360



72.0760, 2.8420, 3.5620



54.6280, 47.4880, 64.5120



5.0270, 4.5380, 5.8660

Previews

White Background



This preview shows how the YIQ color 119.4610, 18.6560, 25.3440 looks on a white background.

Color Contrast Check

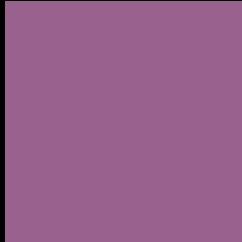
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4610, 18.6560, 25.3440 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 119.4610, 18.6560, 25.3440

Background



This preview shows how black text looks on a background with the YIQ color 119.4610, 18.6560, 25.3440.



This preview shows how white text looks on a background with the YIQ color 119.4610, 18.6560,

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

119.4610, 18.6560, 25.3440

Protanopia

116.7550, -17.8830, 10.2210

Deuteranopia

117.4480, -6.8330, 8.1990



Tritanopia

118.3670, 24.2520, 12.0280

Trichromacy



Original Color

119.4610, 18.6560, 25.3440

Protanomaly

117.8600, -4.8170, 15.7190

Deuteranomaly

117.9270, 2.2440, 14.4040

Tritanomaly

118.7460, 21.8670, 16.7070

Monochromacy



Original Color

119.4610, 18.6560, 25.3440

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.8040, 6.7840, 9.2160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4610, 18.6560, 25.3440 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, 98, 142)` looks like.

```
.text, #text, p{  
    color:rgb(153, 98, 142)  
}
```

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, 98, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 98, 142) }
```

Border

The CSS property to change the border of an element to YIQ 119.4610, 18.6560, 25.3440 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, 98, 142) }
```


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

```
.border{ border-color:rgb(153, 98, 142) }
```

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

Here you see how a box with a 4 pixel rgb(153, 98, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 98, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 98, 142);  
box-shadow:4px 4px 4px 4px rgb(153, 98,  
142) }
```

Background

The CSS property to change the background color of an element to YIQ 119.4610, 18.6560, 25.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 98, 142) }
```

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

```
.background{ background-color: rgb(153, 98,  
142) }
```

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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