

Converting Colors

YIQ(119.0110, 3.7490, 58.7330)

Have a look what the booklet for
YIQ(119.0110, 3.7490, 58.7330)
contains.

YIQ(119.0110, 3.7490, 58.7330)	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(119.0110, 3.7490,
58.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	9F50D7
RGB	159, 80, 215
RGB Percent	62%, 31%, 84%
CMY	0.3762, 0.6864, 0.1570
CMYK	0.26, 0.63, 0.00, 0.16
HSL	275°, 63%, 58%
HSV	275°, 63%, 84%
XYZ	29.4409, 18.0157, 66.2002
YIQ	119.0110, 3.7490, 58.7330

Conversions

Conversions Part 2

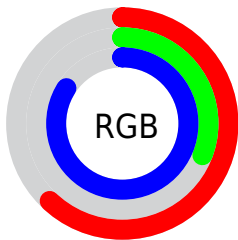
Format	Color
R_{YB}	159, 80, 215
Decimal	10440919
CIE _{Lab}	49.52, 55.91, -56.48
CIE _{LCh}	50, 79.471, 314.713
Yxy	18.0157, 0.2590, 0.1585
Android (android.graphics.Color)	4288630999 (0xFF9F50D7)
YUV	119.0110, 47.3226, 35.0704
Hunter-Lab	42.4449, 49.5339, -62.7618

Details

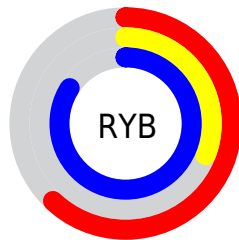
The YIQ color **119.0110, 3.7490, 58.7330** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **175.9890, -3.7490, -58.7330**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.0240, 10.9020, 55.7500**, and **63.0110, 3.7490, 58.7330** is the 20% darker color. If you saturate the color by 10%, you get **103.4060, 4.4350, 68.3310**, and if you desaturate by 10%, it is **134.0290, 3.3380, 49.6580**.

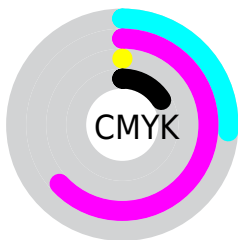
Distribution



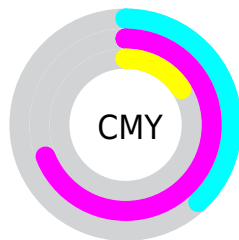
- Red (62%)
- Green (31%)
- Blue (84%)



- Red (62%)
- Yellow (31%)
- Blue (84%)



- Cyan (26%)
- Magenta (63%)
- Yellow (0%)
- Black (16%)



- Cyan (38%)
- Magenta (69%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0110, 3.7490, 58.7330 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 119.0110, 3.7490, 58.7330 by changing the saturation by 10% instead.

■ 119.0110, 3.7490,
58.7330

■ 119.0110, 3.7490,
58.7330

■ 255.0000, -0.0000,
-0.0000

■ 91.5980, 3.4740,
58.2100

■ 172.0240, 10.9020,
55.7500

■ 63.0110, 3.7490,
58.7330

■ 197.4300, 21.0820,
47.4660

■ 37.4730, 2.3280,
56.9520

■ 216.2580, 18.1500,
34.5180

■ 25.9520, -6.9310,
43.0290

■ 232.6940, 10.4500,
19.8740

■ 15.0290, -14.9980,
29.5300

■ 249.7170, 2.4750,
4.7070

■ 6.4980, -18.2970,
17.7270

■ 5.1640, -11.7850,

9.8390

■ 1.1400, -3.2100,
3.1100

■ 0.0000, 0.0000,
0.0000

■ 119.0110, 3.7490,
58.7330

■ 119.0110, 3.7490,
58.7330

■ 103.4060, 4.4350,
68.3310

■ 134.0290, 3.3380,
49.6580

■ 88.3880, 4.8460,
77.4060

■ 149.6340, 2.6520,
40.0600

■ 72.7830, 5.5320,
87.0040

■ 164.6520, 2.2410,
30.9850

■ 62.1840, 6.0810,
93.5770

■ 180.2570, 1.5550,
21.3870

■ 195.2750, 1.1440,
12.3120

■ 210.5810, -0.1380,
2.5020

■ 225.5990, -0.5490,
-6.5730

■ 241.2040, -1.2350,
-16.1710

■ 245.6560, 3.3040,
-15.8320

Harmonies

Analogous

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



96.0050, -111.8750, 17.6050



119.0110, 3.7490, 58.7330



98.1140, 73.0230, 80.8230

Triad

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



119.0110, 3.7490, 58.7330



111.0030, 73.8660, -17.0940



102.8020, -88.3000, -29.7080

Complementary

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



119.0110, 3.7490, 58.7330



175.9890, -3.7490, -58.7330

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.



93.5340, -64.9590, -50.7430



119.0110, 3.7490, 58.7330



107.1620, 32.9730, -41.4190

Square

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



119.0110, 3.7490, 58.7330



104.3070, 103.5700, 17.2820



81.0060, -37.9500, -72.1740



108.6960, -107.6520, -9.3800

Rectangle

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



119.0110, 3.7490, 58.7330



81.9080, 102.9620, 83.3940



81.0060, -37.9500, -72.1740



100.1800, -80.9170, -36.8610

Sweetspot

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



119.0110, 3.7490, 58.7330



220.8440, 1.2800, 20.8640



128.2620, -58.7350, 12.6970



106.5030, 0.5020, 12.9340



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



119.0110, 3.7490, 58.7330



119.2620, 5.4410, 83.1450



134.5010, 40.6560, 67.1840



99.3470, 0.6410, 4.9050



49.3940, 4.7090, 74.3810



12.3770, 1.0970, 18.6730

Inverse Universe

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



126.7490, 62.4840, 46.0360



130.1150, 88.4770, 65.0610



160.4990, -40.6560, -67.1840



99.8590, 4.9510, 3.8870



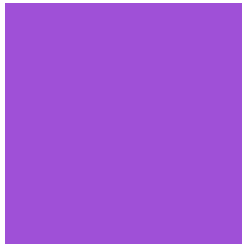
59.2230, 79.1250, 58.3330



14.9090, 19.8500, 14.7140

Previews

White Background



This preview shows how the YIQ color 119.0110, 3.7490, 58.7330 looks on a white background.

Color Contrast Check

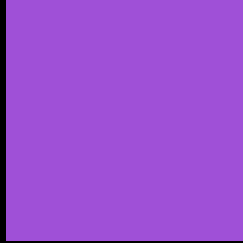
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0110, 3.7490, 58.7330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

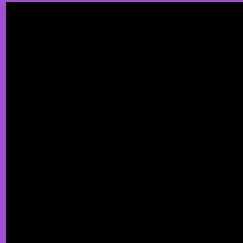
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.0110, 3.7490, 58.7330

Background



This preview shows how black text looks on a background with the YIQ color 119.0110, 3.7490, 58.7330.



This preview shows how white text looks on a background with the YIQ color 119.0110, 3.7490,

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

119.0110, 3.7490, 58.7330

Protanopia

94.5060, -109.0320, 15.6400

Deuteranopia

106.2970, -75.0110, 10.3090



Tritanopia

119.7790, 17.1000, 9.4840

Trichromacy



Original Color

119.0110, 3.7490, 58.7330



Protanomaly

103.6640, -67.9540, 31.1020



Deuteranomaly

110.6910, -46.2210, 28.2030



Tritanomaly

119.2200, 12.1450, 27.7050

Monochromacy



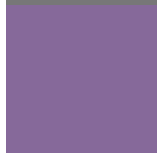
Original Color

119.0110, 3.7490, 58.7330



Achromatopsia

119.0000, -0.0000, 0.0000



Achromatomaly

119.2570, 1.5550, 21.3870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0110, 3.7490, 58.7330 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(159, 80, 215)` looks like.

```
.text, #text, p{  
    color:rgb(159, 80, 215)  
}
```

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(159, 80, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 80, 215) }
```

Border

The CSS property to change the border of an element to YIQ 119.0110, 3.7490, 58.7330 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(159, 80, 215) }
```


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

```
.border{ border-color:rgb(159, 80, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 80, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 80, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 80, 215);  
box-shadow:4px 4px 4px 4px rgb(159, 80,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0110, 3.7490, 58.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 80, 215) }
```

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

```
.background{ background-color: rgb(159, 80,  
215) }
```

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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