

Converting Colors

YIQ(119.9330, 11.2750, 21.4430)

Have a look what the booklet for
YIQ(119.9330, 11.2750, 21.4430)
contains.

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Color

**YIQ(119.9330, 11.2750,
21.4430)**

Conversions

Conversions Part 1

Format	Color
Hex	906790
RGB	144, 103, 144
RGB Percent	56%, 40%, 56%
CMY	0.4352, 0.5961, 0.4353
CMYK	0.00, 0.28, 0.00, 0.44
HSL	300°, 17%, 48%
HSV	300°, 28%, 56%
XYZ	21.3899, 17.6429, 28.6649
YIQ	119.9330, 11.2750, 21.4430

Conversions

Conversions Part 2

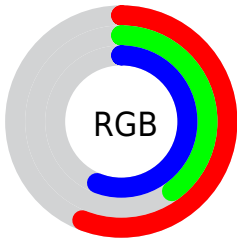
Format	Color
RYB	144, 103, 144
Decimal	9463696
CIELab	49.06, 23.70, -16.01
CIElCh	49, 28.600, 325.960
Yxy	17.6429, 0.3160, 0.2606
Android (android.graphics.Color)	4287653776 (0xFF906790)
YUV	119.9330, 11.8650, 21.1068
Hunter-Lab	42.0035, 17.3935, -11.0595

Details

The YIQ color **119.9330, 11.2750, 21.4430** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.0670, -11.2750, -21.4430**, and the grayscale version is **120.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.7590, 11.8250, 22.4890**, and **70.8080, 10.1290, 20.1850** is the 20% darker color. If you saturate the color by 10%, you get **111.7150, 15.1250, 28.7650**, and if you desaturate by 10%, it is **128.1510, 7.4250, 14.1210**.

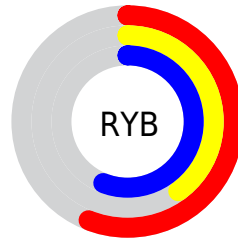
Distribution



Red (56%)

Green (40%)

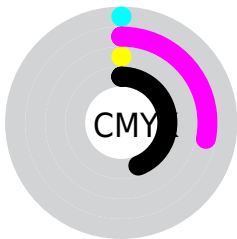
Blue (56%)



Red (56%)

Yellow (40%)

Blue (56%)

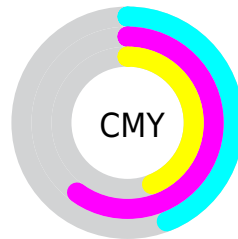


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (44%)



Cyan (44%)

Magenta (60%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.9330, 11.2750, 21.4430 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 119.9330, 11.2750, 21.4430 by changing the saturation by 10% instead.

■ 119.9330, 11.2750,
21.4430

■ 119.9330, 11.2750,
21.4430

■ 255.0000, -0.0000,
-0.0000

■ 95.1070, 10.7250,
20.3970

■ 172.7590, 11.8250,
22.4890

■ 70.8080, 10.1290,
20.1850

■ 200.4710, 12.6960,
23.2240

■ 47.9820, 9.5790,
19.1390

■ 227.9980, 12.6500,
24.0580

■ 25.2700, 8.7080,
18.4040

■ 245.0210, 4.6750,
8.8910

■ 10.8520, 6.8290,
13.9090

■ 0.0000, 0.0000,
0.0000

119.9330, 11.2750,
21.4430

119.9330, 11.2750,
21.4430

111.7150, 15.1250,
28.7650

128.1510, 7.4250,
14.1210

102.9100, 19.2500,
36.6100

136.9560, 3.3000,
6.2760

94.6920, 23.1000,
43.9320

145.1740, -0.5500,
-1.0460

85.8870, 27.2250,
51.7770

153.9790, -4.6750,
-8.8910

77.6690, 31.0750,
59.0990

162.1970, -8.5250,
-16.2130

69.4510, 34.9250,
66.4210

170.4150,
-12.3750, -23.5350

60.6460, 39.0500,
74.2660


179.2200,
-16.5000, -31.3800

59.4720, 39.6000,

187.4380,

75.3120

-20.3500, -38.7020

 196.2430,
-24.4750, -46.5470

Harmonies

Analogous

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



118.3690, -13.6200, 15.5640



119.9330, 11.2750, 21.4430



119.4590, 30.1650, 20.5090

Triad

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



119.9330, 11.2750, 21.4430



115.3340, 27.8780, -9.6420



95.5270, -71.1080, -21.8920

Complementary

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



119.9330, 11.2750, 21.4430



127.0670, -11.2750, -21.4430

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.



103.4410, -41.6270, -22.0350



119.9330, 11.2750, 21.4430



113.0110, 9.4940, -17.8820

Square

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



119.9330, 11.2750, 21.4430



117.0460, 37.9170, 1.1570



109.2130, -14.6220, -21.3580



101.3140, -65.6540, -10.5980

Rectangle

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



119.9330, 11.2750, 21.4430



118.4180, 37.4100, 15.8580



109.2130, -14.6220, -21.3580



98.7900, -61.6630, -22.3590

Sweetspot

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



119.9330, 11.2750, 21.4430



176.0210, 4.6750, 8.8910



107.6740, -13.1610, 12.7510



88.1300, 2.7500, 5.2300



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.9330, 11.2750, 21.4430



149.0190, 17.3250, 32.9490



117.6530, 17.6950, 15.2230



66.8910, 1.9250, 3.6610



55.7550, 37.1250, 70.6050



3.3040, 2.2000, 4.1840

Inverse Universe

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



119.9330, 11.2750, 21.4430



149.0190, 17.3250, 32.9490



129.4610, -18.0160, -14.9120



66.8910, 1.9250, 3.6610



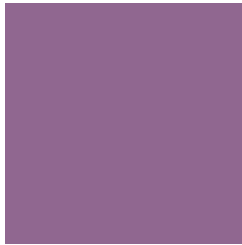
55.7550, 37.1250, 70.6050



3.3040, 2.2000, 4.1840

Previews

White Background



This preview shows how the YIQ color 119.9330, 11.2750, 21.4430 looks on a white background.

Color Contrast Check

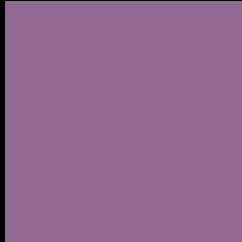
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.9330, 11.2750, 21.4430 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 119.9330, 11.2750, 21.4430

Background



This preview shows how black text looks on a background with the YIQ color 119.9330, 11.2750, 21.4430.



This preview shows how white text looks on a background with the YIQ color 119.9330, 11.2750,

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

119.9330, 11.2750, 21.4430

Protanopia

116.9400, -16.9660, 10.1220

Deuteranopia

117.7900, -7.7960, 9.1320



Tritanopia

118.5940, 16.1830, 9.5830

Trichromacy



Original Color

119.9330, 11.2750, 21.4430

Protanomaly

118.1370, -7.1550, 14.0370

Deuteranomaly

118.5460, -1.0570, 13.6550

Tritanomaly

118.8590, 14.1190, 13.9510

Monochromacy



Original Color

119.9330, 11.2750, 21.4430

Achromatopsia

120.0000, -0.0000, -0.0000

Achromatomaly

120.1950, 4.1250, 7.8450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.9330, 11.2750, 21.4430 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(144, 103, 144)` looks like.

```
.text, #text, p{  
    color:rgb(144, 103, 144)  
}
```

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(144, 103, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 103, 144) }
```

Border

The CSS property to change the border of an element to YIQ 119.9330, 11.2750, 21.4430 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(144, 103, 144) }
```


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

```
.border{ border-color:rgb(144, 103, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 103, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 103, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 103, 144);  
box-shadow:4px 4px 4px 4px rgb(144, 103,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 119.9330, 11.2750, 21.4430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 103, 144) }
```

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

```
.background{ background-color: rgb(144,  
103, 144) }
```

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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