

Converting Colors

YIQ(125.8840, 12.9710, 23.7470)

Have a look what the booklet for
YIQ(125.8840, 12.9710, 23.7470)
contains.

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Color

**YIQ(125.8840, 12.9710,
23.7470)**

Conversions

Conversions Part 1

Format	Color
Hex	996B98
RGB	153, 107, 152
RGB Percent	60%, 42%, 60%
CMY	0.3999, 0.5805, 0.4039
CMYK	0.00, 0.30, 0.01, 0.40
HSL	301°, 18%, 51%
HSV	301°, 30%, 60%
XYZ	24.0670, 19.5542, 32.2135
YIQ	125.8840, 12.9710, 23.7470

Conversions

Conversions Part 2

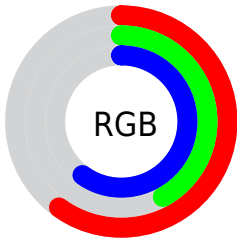
Format	Color
R _Y B	153, 107, 152
Decimal	10054552
CIE _{Lab}	51.33, 26.11, -17.18
CIE _{LCh}	51, 31.256, 326.653
Yxy	19.5542, 0.3174, 0.2579
Android (android.graphics.Color)	4288244632 (0xFF996B98)
YUV	125.8840, 12.8752, 23.7807
Hunter-Lab	44.2202, 19.7641, -12.2374

Details

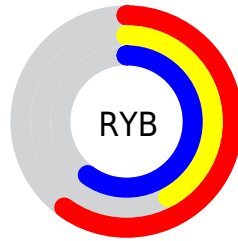
The YIQ color **125.8840, 12.9710, 23.7470** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **134.1160, -12.9710, -23.7470**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0090, 14.1170, 25.0050**, and **76.3460, 11.5500, 21.9660** is the 20% darker color. If you saturate the color by 10%, you get **117.0790, 17.0960, 31.5920**, and if you desaturate by 10%, it is **134.6890, 8.8460, 15.9020**.

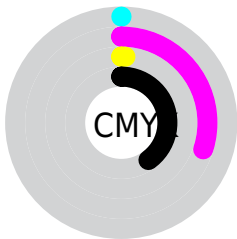
Distribution



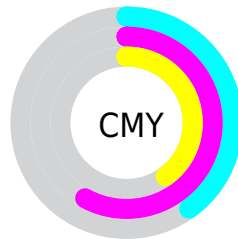
- Red (60%)
- Green (42%)
- Blue (60%)



- Red (60%)
- Yellow (42%)
- Blue (60%)



- Cyan (0%)
- Magenta (30%)
- Yellow (1%)
- Black (40%)



- Cyan (40%)
- Magenta (58%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 125.8840, 12.9710, 23.7470 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 125.8840, 12.9710, 23.7470 by changing the saturation by 10% instead.

125.8840, 12.9710,
23.7470

125.8840, 12.9710,
23.7470

255.0000, -0.0000,
-0.0000

100.4710, 12.6960,
23.2240

179.0090, 14.1170,
25.0050

76.3460, 11.5500,
21.9660

206.8350, 14.6670,
26.0510

52.6340, 10.6790,
21.2310

230.9330, 11.2750,
21.4430

29.6340, 10.6790,
21.2310

247.9560, 3.3000,
6.2760

13.9280, 9.6710,
17.4710

0.5700, -1.6050,
1.5550

0.0000, 0.0000,

0.0000

125.8840, 12.9710,
23.7470

125.8840, 12.9710,
23.7470

117.0790, 17.0960,
31.5920

134.6890, 8.8460,
15.9020

107.5730, 21.8170,
39.6490

144.1950, 4.1250,
7.8450

98.7680, 25.9420,
47.4940

153.0000, 0.0000,
-0.0000

89.9630, 30.0670,
55.3390

161.8050, -4.1250,
-7.8450

80.4570, 34.7880,
63.3960

171.3110, -8.8460,
-15.9020

71.6520, 38.9130,
71.2410

180.1160,
-12.9710, -23.7470

62.8470, 43.0380,
79.0860

188.9210,
-17.0960, -31.5920

197.8400,
-21.5420, -39.1260

207.2320,
-25.9420, -47.4940

Harmonies

Analogous

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



123.6510, -14.3540, 17.8540



125.8840, 12.9710, 23.7470



124.7800, 33.6950, 22.6150

Triad

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



125.8840, 12.9710, 23.7470



120.6500, 29.8040, -11.5080



96.3620, -83.9450, -26.0330

Complementary

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



125.8840, 12.9710, 23.7470



134.1160, -12.9710, -23.7470

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.



106.7390, -48.4580, -24.8900



125.8840, 12.9710, 23.7470



117.9570, 9.5860, -19.5500

Square

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



125.8840, 12.9710, 23.7470



122.3130, 41.5390, 1.5950



114.2620, -16.3180, -23.6620



102.3770, -79.1330, -14.1170

Rectangle

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



125.8840, 12.9710, 23.7470



124.2120, 40.9860, 17.1300



114.2620, -16.3180, -23.6620



96.6460, -78.9930, -27.6730

Sweetspot

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



125.8840, 12.9710, 23.7470



188.3200, 5.2710, 9.1030



112.5430, -14.1700, 14.5180



93.1300, 2.7500, 5.2300



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.



125.8840, 12.9710, 23.7470



156.5080, 20.4420, 37.0340



123.2620, 20.3540, 16.5940



72.1900, 2.5210, 3.8730



57.4780, 39.4630, 72.2870



5.2550, 3.8960, 6.4880

Inverse Universe

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



125.8840, 12.9710, 23.7470



156.5080, 20.4420, 37.0340



136.7380, -20.3540, -16.5940



72.1900, 2.5210, 3.8730



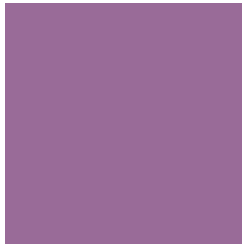
57.4780, 39.4630, 72.2870



5.2550, 3.8960, 6.4880

Previews

White Background



This preview shows how the YIQ color 125.8840, 12.9710, 23.7470 looks on a white background.

Color Contrast Check

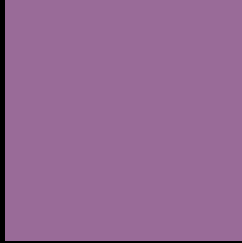
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 125.8840, 12.9710, 23.7470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

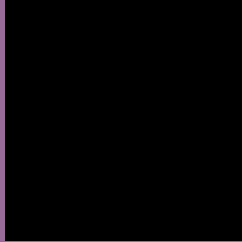
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.8840, 12.9710, 23.7470

Background



This preview shows how black text looks on a background with the YIQ color 125.8840, 12.9710, 23.7470.



This preview shows how white text looks on a background with the YIQ color 125.8840, 12.9710,

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

125.8840, 12.9710, 23.7470

Protanopia

122.6840, -19.1210, 10.6310

Deuteranopia

123.7190, -9.0340, 9.5420



Tritanopia

124.7900, 18.5670, 10.4310

Trichromacy



Original Color

125.8840, 12.9710, 23.7470

Protanomaly

123.7780, -7.5220, 15.1820

Deuteranomaly

124.4860, -0.8280, 15.0120

Tritanomaly

125.1690, 16.1820, 15.1100

Monochromacy



Original Color

125.8840, 12.9710, 23.7470

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9070, 4.9960, 8.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.8840, 12.9710, 23.7470 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, 107, 152)` looks like.

```
.text, #text, p{  
    color:rgb(153, 107, 152)  
}
```

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, 107, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 107, 152) }
```

Border

The CSS property to change the border of an element to YIQ 125.8840, 12.9710, 23.7470 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, 107, 152) }
```


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

```
.border{ border-color:rgb(153, 107, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 107, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 107, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 107, 152);  
box-shadow:4px 4px 4px 4px rgb(153, 107,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 125.8840, 12.9710, 23.7470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 107, 152) }
```

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

```
.background{ background-color: rgb(153,  
107, 152) }
```

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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