

Converting Colors

YIQ(123.6810, 20.4920, 14.0920)

Have a look what the booklet for
YIQ(123.6810, 20.4920, 14.0920)
contains.

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Color

**YIQ(123.6810, 20.4920,
14.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	986D7D
RGB	152, 109, 125
RGB Percent	60%, 43%, 49%
CMY	0.4038, 0.5726, 0.5097
CMYK	0.00, 0.28, 0.18, 0.40
HSL	338°, 17%, 51%
HSV	338°, 28%, 60%
XYZ	22.1238, 19.0927, 21.9271
YIQ	123.6810, 20.4920, 14.0920

Conversions

Conversions Part 2

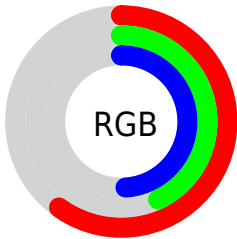
Format	Color
R_{YB}	152, 109, 125
Decimal	9989501
CIE Lab	50.80, 19.66, -2.06
CIE LCh	51, 19.766, 354.003
Yxy	19.0927, 0.3504, 0.3024
Android (android.graphics.Color)	4288179581 (0xFF986D7D)
YUV	123.6810, 0.6503, 24.8358
Hunter-Lab	43.6952, 13.9115, 0.8337

Details

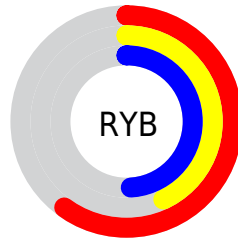
The YIQ color $123.6810, 20.4920, 14.0920$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $137.3190, -20.4920, -14.0920$, and the grayscale version is $124.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $176.6920, 21.9590, 15.0390$, and $74.3710, 18.4290, 12.9330$ is the 20% darker color. If you saturate the color by 10%, you get $113.7360, 27.8270, 18.8270$, and if you desaturate by 10%, it is $133.6260, 13.1570, 9.3570$.

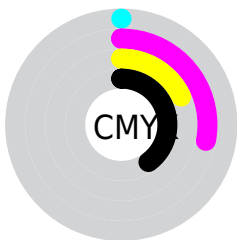
Distribution



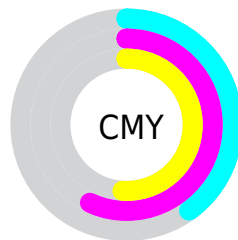
- Red (60%)
- Green (43%)
- Blue (49%)



- Red (60%)
- Yellow (43%)
- Blue (49%)



- Cyan (0%)
- Magenta (28%)
- Yellow (18%)
- Black (40%)



- Cyan (40%)
- Magenta (57%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 123.6810, 20.4920, 14.0920 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 123.6810, 20.4920, 14.0920 by changing the saturation by 10% instead.

123.6810, 20.4920,
14.0920

123.6810, 20.4920,
14.0920

255.0000, -0.0000,
-0.0000

98.3820, 19.8960,
13.8800

176.6920, 21.9590,
15.0390

74.3710, 18.4290,
12.9330

203.9910, 22.5550,
15.2510

51.1860, 17.5120,
13.0320

229.5990, 17.7870,
13.5550

29.1750, 16.0450,
12.0850

248.5430, 3.0250,
5.7530

11.1920, 17.3750,
10.0070

0.0000, 0.0000,
0.0000

123.6810, 20.4920,
14.0920

123.6810, 20.4920,
14.0920

113.7360, 27.8270,
18.8270

133.6260, 13.1570,
9.3570

103.9050, 34.8410,
23.8730

143.4570, 6.1430,
4.3110

93.3730, 42.4510,
29.1310

153.9890, -1.4670,
-0.9470

83.5420, 49.4650,
34.1770

163.8200, -8.4810,
-5.9930

73.5970, 56.8000,
38.9120

173.7650,
-15.8160, -10.7280

63.7660, 63.8140,
43.9580

183.5960,
-22.8300, -15.7740

53.8210, 71.1490,
48.6930


193.5410,
-30.1650, -20.5090

51.9460, 72.2950,

203.9590,

49.9510

-37.4540, -26.0780

 213.9040,
-44.7890, -30.8130

Harmonies

Analogous

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



123.3790, 6.7830, 14.7430



123.6810, 20.4920, 14.0920



122.6400, 27.7370, 9.4410

Triad

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



123.6810, 20.4920, 14.0920



118.6290, 7.9340, -11.6340



114.7320, -37.4120, -4.8040

Complementary

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



123.6810, 20.4920, 14.0920



137.3190, -20.4920, -14.0920

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.



112.8150, -36.4480, -11.2640



123.6810, 20.4920, 14.0920



116.5500, -8.0210, -14.3330

Square

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



123.6810, 20.4920, 14.0920



120.8480, 20.6790, -5.8250



114.1660, -24.4350, -14.2190



119.0480, -26.3180, 3.3940

Rectangle

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



123.6810, 20.4920, 14.0920



122.3640, 28.3340, 4.1260



114.1660, -24.4350, -14.2190



113.9660, -38.1910, -7.2070

Sweetspot

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



123.6810, 20.4920, 14.0920



188.4680, 7.6100, 5.2580



121.9750, 2.2890, 19.0970



93.0330, 4.4010, 2.8410



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.



123.6810, 20.4920, 14.0920



154.1820, 32.5030, 22.1910



124.7920, 24.2530, 6.5010



71.7340, 3.8050, 2.6290



47.7880, 66.7480, 45.8520



4.4570, 6.1430, 4.3110

Inverse Universe

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



123.6810, 20.4920, 14.0920



154.1820, 32.5030, 22.1910



136.2080, -24.2530, -6.5010



71.7340, 3.8050, 2.6290



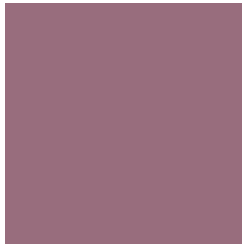
47.7880, 66.7480, 45.8520



4.4570, 6.1430, 4.3110

Previews

White Background



This preview shows how the YIQ color 123.6810, 20.4920, 14.0920 looks on a white background.

Color Contrast Check

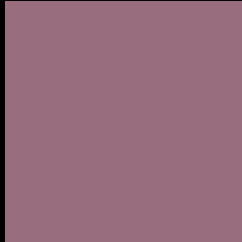
Large Text (above 18pt) WCAG AA ✓ Pass

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 123.6810, 20.4920, 14.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

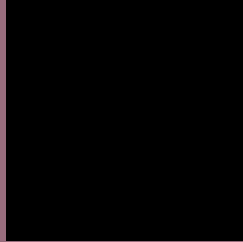
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 123.6810, 20.4920, 14.0920

Background



This preview shows how black text looks on a background with the YIQ color 123.6810, 20.4920, 14.0920.



This preview shows how white text looks on a background with the YIQ color 123.6810, 20.4920,

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

123.6810, 20.4920, 14.0920

Protanopia

121.3680, -3.8520, 3.7320

Deuteranopia

122.1690, 7.0140, 5.0460



Tritanopia

123.2850, 21.5470, 11.4910

Trichromacy



Original Color

123.6810, 20.4920, 14.0920

Protanomaly

122.2660, 5.3630, 7.4350

Deuteranomaly

122.6150, 11.6900, 8.4100

Tritanomaly

123.5130, 20.9050, 12.1130

Monochromacy



Original Color

123.6810, 20.4920, 14.0920

Achromatopsia

124.0000, -0.0000, -0.0000

Achromatomaly

124.0550, 7.3350, 4.7350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 123.6810, 20.4920, 14.0920 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(152, 109, 125)` looks like.

```
.text, #text, p{  
    color:rgb(152, 109, 125)  
}
```

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(152, 109, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 109, 125) }
```

Border

The CSS property to change the border of an element to YIQ 123.6810, 20.4920, 14.0920 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(152, 109, 125) }
```


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

```
.border{ border-color:rgb(152, 109, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 109, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 109, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 109, 125);  
box-shadow:4px 4px 4px 4px rgb(152, 109,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 123.6810, 20.4920, 14.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 109, 125) }
```

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

```
.background{ background-color: rgb(152,  
109, 125) }
```

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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