

Converting Colors

YIQ(124.6800, 3.8970, 0.9610)

Have a look what the booklet for
YIQ(124.6800, 3.8970, 0.9610)
contains.

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Color

**YIQ(124.6800, 3.8970,
0.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	817B7A
RGB	129, 123, 122
RGB Percent	51%, 48%, 48%
CMY	0.4941, 0.5176, 0.5215
CMYK	0.00, 0.05, 0.05, 0.49
HSL	9°, 3%, 49%
HSV	9°, 5%, 51%
XYZ	19.6495, 20.2379, 21.2844
YIQ	124.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

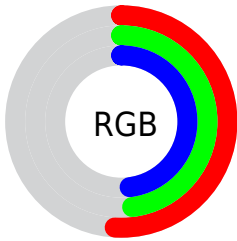
Format	Color
R_{YB}	129, 123, 122
Decimal	8485754
CIE _{Lab}	52.11, 2.09, 1.35
CIE _{LCh}	52, 2.489, 32.846
Yxy	20.2379, 0.3212, 0.3308
Android (android.graphics.Color)	4286675834 (0xFF817B7A)
YUV	124.6800, -1.3212, 3.7886
Hunter-Lab	44.9866, -0.7601, 3.4389

Details

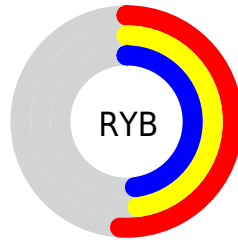
The YIQ color **124.6800, 3.8970, 0.9610** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **126.3200, -3.8970, -0.9610**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9790, 4.4930, 1.1730**, and **75.6800, 3.8970, 0.9610** is the 20% darker color. If you saturate the color by 10%, you get **116.7410, 11.0950, 2.6710**, and if you desaturate by 10%, it is **132.6190, -3.3010, -0.7490**.

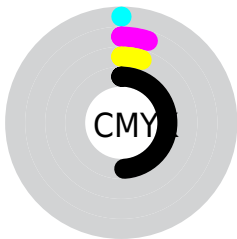
Distribution



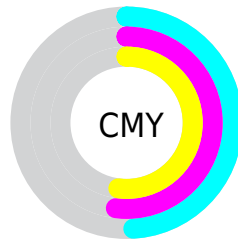
- Red (51%)
- Green (48%)
- Blue (48%)



- Red (51%)
- Yellow (48%)
- Blue (48%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (49%)



- Cyan (49%)
- Magenta (52%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.6800, 3.8970, 0.9610 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 124.6800, 3.8970, 0.9610 by changing the saturation by 10% instead.

■ 124.6800, 3.8970,
0.9610

■ 124.6800, 3.8970,
0.9610

255.0000, -0.0000,
-0.0000

■ 99.6800, 3.8970,
0.9610

■ 176.9790, 4.4930,
1.1730

■ 75.6800, 3.8970,
0.9610

■ 204.6800, 3.8970,
0.9610

■ 53.3810, 3.3010,
0.7490

■ 232.9790, 4.4930,
1.1730

■ 32.0820, 2.7050,
0.5370

■ 8.1640, 5.4100,
1.0740

■ 0.0000, 0.0000,
0.0000

■ 124.6800, 3.8970,
0.9610

■ 124.6800, 3.8970,
0.9610

■ 116.7410, 11.0950,
2.6710

■ 132.6190, -3.3010,
-0.7490

■ 108.8020, 18.2930,
4.3810

■ 140.5580,
-10.4990, -2.4590

■ 100.8630, 25.4910,
6.0910

■ 148.4970,
-17.6970, -4.1690

■ 92.9240, 32.6890,
7.8010

■ 156.4360,
-24.8950, -5.8790

■ 85.0990, 39.5660,
9.8220

■ 164.3750,
-32.0930, -7.5890

■ 77.1600, 46.7640,
11.5320

■ 172.2000,
-38.9700, -9.6100

■ 69.2210, 53.9620,
13.2420

■ 180.1390,
-46.1680, -11.3200

■ 60.6950, 61.4350,

■ 188.6650,

15.4750

-53.6410, -13.5530

■ 52.7560, 68.6330,
17.1850

■ 196.6040,
-60.8390, -15.2630

Harmonies

Analogous

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



124.9080, 3.2550, 1.5830



124.6800, 3.8970, 0.9610



124.2670, 3.6220, 0.4380

Triad

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



124.6800, 3.8970, 0.9610



123.4620, -1.4210, -1.7810



123.8580, -2.4760, 0.8200

Complementary

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



124.6800, 3.8970, 0.9610



126.3200, -3.8970, -0.9610

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.



123.8470, -3.9430, -0.1270



124.6800, 3.8970, 0.9610



123.9780, -2.9340, -1.8940

Square

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



124.6800, 3.8970, 0.9610



123.9460, 0.0920, -1.6680



123.3200, -3.8970, -0.9610



124.7550, -0.6880, 1.4560

Rectangle

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



124.6800, 3.8970, 0.9610



124.4410, 3.0720, -0.6080



123.3200, -3.8970, -0.9610



124.4450, -2.7510, 0.2970

Sweetspot

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



124.6800, 3.8970, 0.9610



165.8970, 1.7880, 0.6360



124.7770, 2.2460, 3.3500



83.1850, 0.9170, -0.0990



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



124.6800, 3.8970, 0.9610



160.8760, 6.2810, 1.8090



126.4410, 3.0720, -0.6080



60.4950, 2.9800, 1.0600



48.8380, 71.3380, 17.7220



0.0000, 0.0000, 0.0000

Inverse Universe

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



126.3200, -3.8970, -0.9610



164.1240, -6.2810, -1.8090



124.5590, -3.0720, 0.6080



61.9180, -2.7050, -0.5370



78.5750, -71.0630, -17.1990



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 124.6800, 3.8970, 0.9610 looks on a white background.

Color Contrast Check

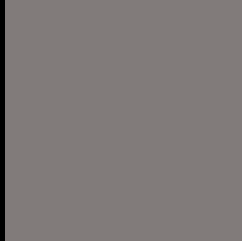
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.6800, 3.8970, 0.9610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

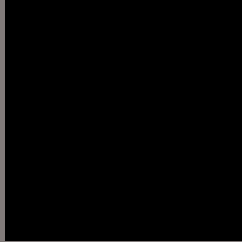
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.6800, 3.8970, 0.9610

Background



This preview shows how black text looks on a background with the YIQ color 124.6800, 3.8970, 0.9610.



This preview shows how white text looks on a background with the YIQ color 124.6800, 3.8970,

0.9610.

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

124.6800, 3.8970, 0.9610

Protanopia

124.6690, 2.4300, 0.0140

Deuteranopia

125.4250, 9.1690, 4.5370



Tritanopia

125.4180, 1.8790, 4.4950

Trichromacy



Original Color

124.6800, 3.8970, 0.9610

Protanomaly

124.9680, 3.0260, 0.2260

Deuteranomaly

125.1150, 7.1060, 3.3780

Tritanomaly

125.0760, 2.8420, 3.5620

Monochromacy



Original Color

124.6800, 3.8970, 0.9610

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

124.5980, 1.1920, 0.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.6800, 3.8970, 0.9610 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(129, 123, 122)` looks like.

```
.text, #text, p{  
    color:rgb(129, 123, 122)  
}
```

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(129, 123, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 123, 122) }
```

Border

The CSS property to change the border of an element to YIQ 124.6800, 3.8970, 0.9610 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(129, 123, 122) }
```


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

```
.border{ border-color:rgb(129, 123, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 123, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 123, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 123, 122);  
box-shadow:4px 4px 4px 4px rgb(129, 123,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 124.6800, 3.8970, 0.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 123, 122) }
```

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

```
.background{ background-color: rgb(129,  
123, 122) }
```

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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