

Converting Colors

YIQ(134.8800, 9.6260, 12.7780)

Have a look what the booklet for
YIQ(134.8800, 9.6260, 12.7780)
contains.

YIQ(134.8800, 9.6260, 12.7780)	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(134.8800, 9.6260,
12.7780)**

Conversions

Conversions Part 1

Format	Color
Hex	987C92
RGB	152, 124, 146
RGB Percent	60%, 49%, 57%
CMY	0.4038, 0.5138, 0.4274
CMYK	0.00, 0.18, 0.04, 0.40
HSL	313°, 12%, 54%
HSV	313°, 18%, 60%
XYZ	25.3476, 23.1652, 30.3317
YIQ	134.8800, 9.6260, 12.7780

Conversions

Conversions Part 2

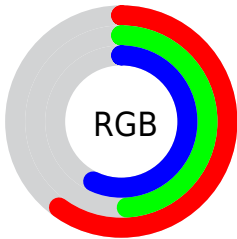
Format	Color
R_{YB}	152, 124, 146
Decimal	9993362
CIE _{Lab}	55.24, 14.76, -7.79
CIE _{LCh}	55, 16.688, 332.179
Yxy	23.1652, 0.3215, 0.2938
Android (android.graphics.Color)	4288183442 (0xFF987C92)
YUV	134.8800, 5.4822, 15.0142
Hunter-Lab	48.1303, 9.7784, -3.6734

Details

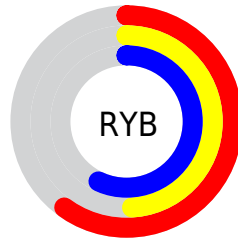
The YIQ color $[134.8800, 9.6260, 12.7780]$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $[141.1200, -9.6260, -12.7780]$, and the grayscale version is $[135.0000, -0.0000, -0.0000]$.

A 20% lighter version of the original color is $[188.2930, 9.9010, 13.3010]$, and $[85.1680, 8.7550, 12.0430]$ is the 20% darker color. If you saturate the color by 10%, you get $[125.7330, 14.7140, 19.6900]$, and if you desaturate by 10%, it is $[144.0270, 4.5380, 5.8660]$.

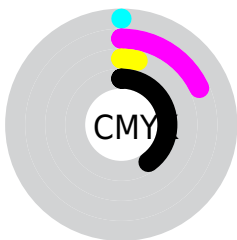
Distribution



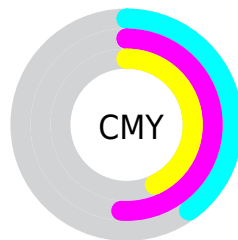
- Red (60%)
- Green (49%)
- Blue (57%)



- Red (60%)
- Yellow (49%)
- Blue (57%)



- Cyan (0%)
- Magenta (18%)
- Yellow (4%)
- Black (40%)





- Cyan (40%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 134.8800, 9.6260, 12.7780 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 134.8800, 9.6260, 12.7780 by changing the saturation by 10% instead.


 134.8800, 9.6260,
12.7780


 134.8800, 9.6260,
12.7780

255.0000, -0.0000,
-0.0000

 109.4670, 9.3510,
12.2550


 188.5920, 10.4970,
13.5130


 85.1680, 8.7550,
12.0430


 216.0050, 10.7720,
14.0360

 61.7550, 8.4800,
11.5200

 241.4990, 6.3250,
12.0290

 39.9290, 7.9300,
10.4740

 17.4560, 7.8840,
11.3080

 0.0000, 0.0000,
0.0000

134.8800, 9.6260,
12.7780

134.8800, 9.6260,
12.7780

125.7330, 14.7140,
19.6900

144.0270, 4.5380,
5.8660

116.4720, 20.1230,
26.2910

153.2880, -0.8710,
-0.7350

106.7380, 25.4860,
33.7260

163.0220, -6.2340,
-8.1700

97.5910, 30.5740,
40.6380

172.1690,
-11.3220, -15.0820

88.4440, 35.6620,
47.5500

181.3160,
-16.4100, -21.9940

79.1830, 41.0710,
54.1510

190.5770,
-21.8190, -28.5950

70.0360, 46.1590,
61.0630

199.7240,
-26.9070, -35.5070

60.3020, 51.5220,

209.4580,

68.4980

-32.2700, -42.9420

■ 59.0140, 52.3930,
69.2330

■ 215.0830,
-35.7080, -46.7160

Harmonies

Analogous

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



133.6980, -4.5410, 10.7150



134.8800, 9.6260, 12.7780



134.8010, 20.0340, 11.3780

Triad

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



134.8800, 9.6260, 12.7780



131.6840, 15.2690, -6.8990



126.7450, -30.2590, -7.7870

Complementary

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



134.8800, 9.6260, 12.7780



141.1200, -9.6260, -12.7780

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.



126.9320, -23.6560, -11.8160



134.8800, 9.6260, 12.7780



129.8180, 3.0280, -10.8280

Square

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



134.8800, 9.6260, 12.7780



133.0920, 23.1080, -0.2840



127.9350, -10.5430, -12.6790



128.2170, -28.4720, -1.6240

Rectangle

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



134.8800, 9.6260, 12.7780



133.9600, 23.8400, 8.4800



127.9350, -10.5430, -12.6790



126.2890, -28.9750, -9.0310

Sweetspot

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



134.8800, 9.6260, 12.7780



191.6140, 4.2630, 5.3430



128.9860, -5.4120, 9.9800



94.7770, 2.2460, 3.3500



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.



134.8800, 9.6260, 12.7780



172.1460, 14.9890, 20.2130



133.2840, 14.1200, 8.4240



72.0760, 2.8420, 3.5620



54.4000, 48.1300, 63.8900



5.0270, 4.5380, 5.8660

Inverse Universe

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



134.8800, 9.6260, 12.7780



172.1460, 14.9890, 20.2130



142.7160, -14.1200, -8.4240



72.0760, 2.8420, 3.5620



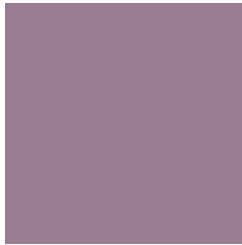
54.4000, 48.1300, 63.8900



5.0270, 4.5380, 5.8660

Previews

White Background



This preview shows how the YIQ color 134.8800, 9.6260, 12.7780 looks on a white background.

Color Contrast Check

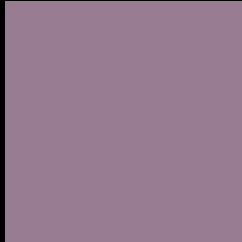
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.8800, 9.6260, 12.7780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

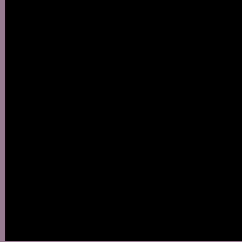
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.8800, 9.6260, 12.7780

Background



This preview shows how black text looks on a background with the YIQ color 134.8800, 9.6260, 12.7780.



This preview shows how white text looks on a background with the YIQ color 134.8800, 9.6260,

12.7780.

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

134.8800, 9.6260, 12.7780

Protanopia

132.6820, -7.6120, 5.7960

Deuteranopia

133.8140, 0.8240, 7.0960



Tritanopia

134.6150, 11.6900, 8.4100

Trichromacy



Original Color

134.8800, 9.6260, 12.7780

Protanomaly

133.0850, -1.3770, 8.4390

Deuteranomaly

134.1350, 4.3540, 9.2020

Tritanomaly

134.4840, 10.6810, 10.1770

Monochromacy



Original Color

134.8800, 9.6260, 12.7780

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

134.9020, 3.3920, 4.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.8800, 9.6260, 12.7780 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, 124, 146)` looks like.

```
.text, #text, p{  
    color:rgb(152, 124, 146)  
}
```

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, 124, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 124, 146) }
```

Border

The CSS property to change the border of an element to YIQ 134.8800, 9.6260, 12.7780 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, 124, 146) }
```


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

```
.border{ border-color:rgb(152, 124, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 124, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 124, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 124, 146);  
box-shadow:4px 4px 4px 4px rgb(152, 124,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 134.8800, 9.6260, 12.7780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 124, 146) }
```

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

```
.background{ background-color: rgb(152,  
124, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor