

# Converting Colors

YIQ(133.2400, 26.5880, 24.7640)

Have a look what the booklet for  
YIQ(133.2400, 26.5880, 24.7640)  
contains.

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# Color

**YIQ(133.2400, 26.5880,  
24.7640)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AE6E92
RGB	174, 110, 146
RGB Percent	68%, 43%, 57%
CMY	0.3175, 0.5687, 0.4274
CMYK	0.00, 0.37, 0.16, 0.32
HSL	326°, 28%, 56%
HSV	326°, 37%, 68%
XYZ	28.2284, 22.2258, 30.0044
YIQ	133.2400, 26.5880, 24.7640

# Conversions

## Conversions Part 2

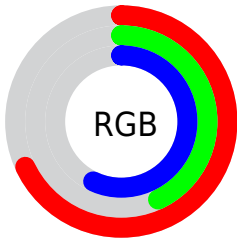
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	174, 110, 146
Decimal	11431570
CIE Lab	54.27, 30.72, -9.00
CIE LCh	54, 32.016, 343.673
Yxy	22.2258, 0.3508, 0.2762
Android (android.graphics.Color)	4289621650 (0xFFAE6E92)
YUV	133.2400, 6.2907, 35.7465
Hunter-Lab	47.1443, 24.3773, -4.7335

# Details

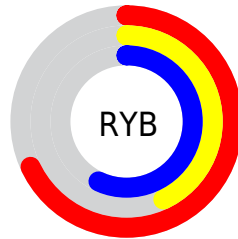
The YIQ color **133.2400, 26.5880, 24.7640** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **150.7600, -26.5880, -24.7640**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.5500, 28.6510, 25.9230**, and **82.6310, 23.9290, 23.3930** is the 20% darker color. If you saturate the color by 10%, you get **122.3490, 33.8310, 31.1670**, and if you desaturate by 10%, it is **144.1310, 19.3450, 18.3610**.

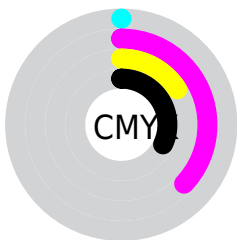
# Distribution



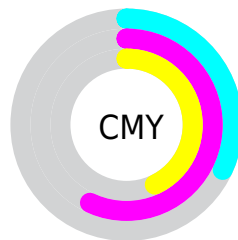
- Red (68%)
- Green (43%)
- Blue (57%)



- Red (68%)
- Yellow (43%)
- Blue (57%)



- Cyan (0%)
- Magenta (37%)
- Yellow (16%)
- Black (32%)




- Cyan (32%)
- Magenta (57%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 133.2400, 26.5880, 24.7640 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 133.2400, 26.5880, 24.7640 by changing the saturation by 10% instead.





 133.2400, 26.5880,  
24.7640


 133.2400, 26.5880,  
24.7640


255.0000, -0.0000,  
-0.0000


 107.5280, 25.7170,  
24.0290


 187.5500, 28.6510,  
25.9230

 82.6310, 23.9290,  
23.3930


 213.7670, 26.5420,  
25.5980


 58.0330, 22.7370,  
22.9690

 233.2810, 10.1750,  
19.3510

 33.2610, 22.0950,  
23.5910

 250.3040, 2.2000,  
4.1840

 16.9460, 18.4280,  
18.4600

 4.4850, 8.9400,  
3.1800

 0.0000, 0.0000,

0.0000

■ 133.2400, 26.5880,  
24.7640

■ 133.2400, 26.5880,  
24.7640

■ 122.3490, 33.8310,  
31.1670

■ 144.1310, 19.3450,  
18.3610

■ 110.9850, 41.0280,  
38.4040

■ 155.4950, 12.1480,  
11.1240

■ 100.0940, 48.2710,  
44.8070

■ 166.3860, 4.9050,  
4.7210

■ 88.7300, 55.4680,  
52.0440

■ 177.7500, -2.2920,  
-2.5160

■ 77.8390, 62.7110,  
58.4470

■ 188.6410, -9.5350,  
-8.9190

■ 66.9480, 69.9540,  
64.8500

■ 199.5320,  
-16.7780, -15.3220

■ 63.1980, 72.2460,  
67.3660

■ 210.8960,  
-23.9750, -22.5590

■ 221.7870,  
-31.2180, -28.9620

■ 226.2210,  
-35.4360, -29.6120

# Harmonies

## Analogous

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



133.1970, 1.7840, 22.7440



133.2400, 26.5880, 24.7640



131.8640, 42.0860, 19.2220

# Triad

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



133.2400, 26.5880, 24.7640



126.3990, 20.0850, -17.0910



102.3920, -92.6570, -22.3290

# Complementary

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



133.2400, 26.5880, 24.7640



150.7600, -26.5880, -24.7640

# 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.



107.8810, -72.3450, -27.0090



133.2400, 26.5880, 24.7640



122.8350, -4.8100, -22.9700

# Square

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



133.2400, 26.5880, 24.7640



129.1180, 37.4140, -6.2500



117.4540, -34.4740, -25.0180



119.4060, -59.7410, -2.1170



# Rectangle

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



133.2400, 26.5880, 24.7640



131.0890, 45.5260, 11.9420



117.4540, -34.4740, -25.0180



102.0670, -90.3640, -25.3400

# Sweetspot

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



133.2400, 26.5880, 24.7640



211.0710, 10.4060, 9.6540



125.6680, -3.8560, 25.8400



105.3970, 6.3720, 5.6680



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000



# Same Dimension

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



133.2400, 26.5880, 24.7640



163.2840, 41.6240, 38.6160



129.5920, 36.8600, 14.8120



81.2610, 3.7590, 3.4630



54.5400, 62.1150, 58.2350



8.3590, 9.5350, 8.9190



# Inverse Universe

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



133.2400, 26.5880, 24.7640



163.2840, 41.6240, 38.6160



154.4080, -36.8600, -14.8120



81.2610, 3.7590, 3.4630



54.5400, 62.1150, 58.2350

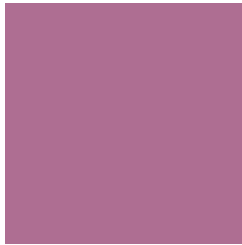


8.3590, 9.5350, 8.9190



# Previews

## White Background



This preview shows how the YIQ color 133.2400, 26.5880, 24.7640 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

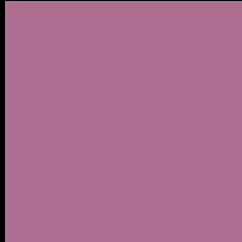
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 133.2400, 26.5880, 24.7640 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

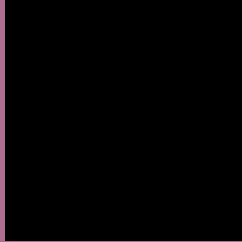
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YIQ 133.2400, 26.5880, 24.7640

## Background



This preview shows how black text looks on a background with the YIQ color 133.2400, 26.5880, 24.7640.



This preview shows how white text looks on a background with the YIQ color 133.2400, 26.5880,



# 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

133.2400, 26.5880, 24.7640

### Protanopia

130.9250, -12.6100, 8.2700

### Deuteranopia

131.8140, 0.8240, 7.0960



## Tritanopia

132.0690, 31.0830, 14.8830

# Trichromacy



## Original Color

133.2400, 26.5880, 24.7640

## Protanomaly

131.6280, 1.6480, 14.1920

## Deuteranomaly

132.2930, 9.9010, 13.3010

## Tritanomaly

132.6930, 29.3860, 18.1060

# Monochromacy



## Original Color

133.2400, 26.5880, 24.7640

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

133.3590, 9.5350, 8.9190

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 133.2400, 26.5880, 24.7640 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(174, 110, 146)` looks like.

```
.text, #text, p{  
    color:rgb(174, 110, 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(174, 110, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 110, 146) }
```

## Border

The CSS property to change the border of an element to YIQ 133.2400, 26.5880, 24.7640 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(174, 110, 146) }
```



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

```
.border{ border-color:rgb(174, 110, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 110, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 110, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 110, 146);  
box-shadow:4px 4px 4px 4px rgb(174, 110,  
146) }
```

# Background

The CSS property to change the background color of an element to YIQ 133.2400, 26.5880, 24.7640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 110, 146) }
```

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

```
.background{ background-color: rgb(174,  
110, 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](#).

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