

Converting Colors

YIQ(132.8880, 24.3430, 15.8870)

Have a look what the booklet for
YIQ(132.8880, 24.3430, 15.8870)
contains.

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Color

**YIQ(132.8880, 24.3430,
15.8870)**

Conversions

Conversions Part 1

Format	Color
Hex	A67485
RGB	166, 116, 133
RGB Percent	65%, 45%, 52%
CMY	0.3489, 0.5452, 0.4783
CMYK	0.00, 0.30, 0.20, 0.35
HSL	340°, 22%, 55%
HSV	340°, 30%, 65%
XYZ	26.2109, 22.2906, 25.1191
YIQ	132.8880, 24.3430, 15.8870

Conversions

Conversions Part 2

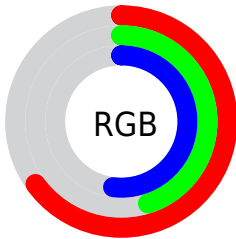
Format	Color
R_{YB}	166, 116, 133
Decimal	10908805
CIE _{Lab}	54.33, 22.29, -1.40
CIE _{LCh}	54, 22.330, 356.414
Yxy	22.2906, 0.3560, 0.3028
Android (android.graphics.Color)	4289098885 (0xFFA67485)
YUV	132.8880, 0.0552, 29.0392
Hunter-Lab	47.2129, 16.4743, 1.5045

Details

The YIQ color **132.8880, 24.3430, 15.8870** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **149.1120, -24.3430, -15.8870**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.1980, 26.4060, 17.0460**, and **82.6920, 21.9590, 15.0390** is the 20% darker color. If you saturate the color by 10%, you get **121.6550, 32.5490, 21.3570**, and if you desaturate by 10%, it is **144.1210, 16.1370, 10.4170**.

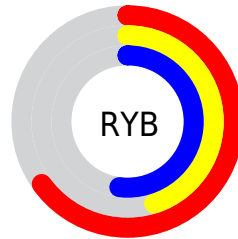
Distribution



Red (65%)

Green (45%)

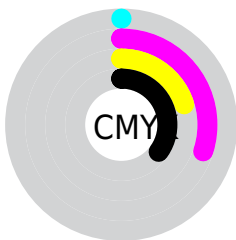
Blue (52%)



Red (65%)

Yellow (45%)

Blue (52%)

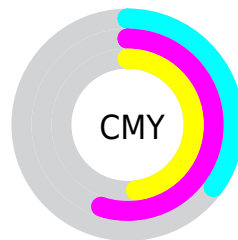


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (35%)



Cyan (35%)


Magenta (55%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.8880, 24.3430, 15.8870 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 132.8880, 24.3430, 15.8870 by changing the saturation by 10% instead.


 132.8880, 24.3430,
15.8870


 132.8880, 24.3430,
15.8870


255.0000, -0.0000,
-0.0000


 107.2900, 23.1510,
15.4630


 186.1980, 26.4060,
17.0460

 82.6920, 21.9590,
15.0390


 214.4970, 27.0020,
17.2580

 59.0940, 20.7670,
14.6150

 235.3210, 12.6980,
12.1700

 36.1970, 18.9790,
13.9790

253.8260, 0.5500,
1.0460

 14.3110, 18.6580,
14.2900

 0.0000, 0.0000,
0.0000

■ 132.8880, 24.3430,
15.8870

■ 132.8880, 24.3430,
15.8870

■ 121.6550, 32.5490,
21.3570

■ 144.1210, 16.1370,
10.4170

■ 111.0090, 40.4800,
26.3040

■ 154.7670, 8.2060,
5.4700

■ 99.7760, 48.6860,
31.7740

■ 166.0000, -0.0000,
0.0000

■ 89.1300, 56.6170,
36.7210

■ 176.6460, -7.9310,
-4.9470

■ 77.8970, 64.8230,
42.1910

■ 187.8790,
-16.1370, -10.4170

■ 66.6640, 73.0290,
47.6610


■ 199.1120,
-24.3430, -15.8870

■ 56.1320, 80.6390,
52.9190

■ 209.7580,
-32.2740, -20.8340

■ 220.9910,

-40.4800, -26.3040

 225.7670,
-45.6610, -26.0210

Harmonies

Analogous

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



133.5150, 9.3960, 16.9480



132.8880, 24.3430, 15.8870



132.2060, 31.9550, 10.0910

Triad

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



132.8880, 24.3430, 15.8870



127.1620, 7.7510, -13.8250



122.9810, -42.5470, -5.3550

Complementary

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



132.8880, 24.3430, 15.8870



149.1120, -24.3430, -15.8870

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.



120.0530, -43.0500, -12.7620



132.8880, 24.3430, 15.8870



124.4140, -10.6340, -16.5380

Square

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



132.8880, 24.3430, 15.8870



129.2780, 22.2840, -7.3800



122.0620, -30.0740, -16.6500



127.1340, -29.4360, 4.8360

Rectangle

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



132.8880, 24.3430, 15.8870



131.5170, 32.2770, 4.2530



122.0620, -30.0740, -16.6500



121.6170, -44.5180, -8.1820

Sweetspot

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



132.8880, 24.3430, 15.8870



203.7780, 9.6730, 6.4170



131.5670, 3.6180, 22.5460



102.0440, 5.8680, 3.7880



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



132.8880, 24.3430, 15.8870



165.2860, 38.1420, 24.6220



135.0590, 27.8750, 6.9390



78.7340, 3.8050, 2.6290



49.9520, 72.1580, 46.9260



6.7780, 9.6730, 6.4170

Inverse Universe

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



132.8880, 24.3430, 15.8870



165.2860, 38.1420, 24.6220



146.9410, -27.8750, -6.9390



78.7340, 3.8050, 2.6290



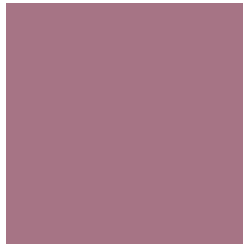
49.9520, 72.1580, 46.9260



6.7780, 9.6730, 6.4170

Previews

White Background



This preview shows how the YIQ color 132.8880, 24.3430, 15.8870 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 132.8880, 24.3430, 15.8870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

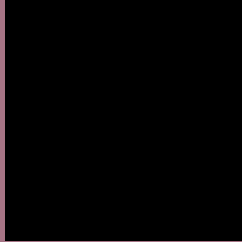
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.8880, 24.3430, 15.8870

Background



This preview shows how black text looks on a background with the YIQ color 132.8880, 24.3430, 15.8870.



This preview shows how white text looks on a background with the YIQ color 132.8880, 24.3430,

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

132.8880, 24.3430, 15.8870

Protanopia

130.3680, -3.8520, 3.7320

Deuteranopia

131.3540, 7.9310, 4.9470



Tritanopia

132.3780, 25.7190, 12.9750

Trichromacy



Original Color

132.8880, 24.3430, 15.8870

Protanomaly

130.9780, 6.2340, 8.1700

Deuteranomaly

131.8110, 14.0740, 9.2580

Tritanomaly

132.7200, 24.7560, 13.9080

Monochromacy



Original Color

132.8880, 24.3430, 15.8870

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.0660, 8.8020, 5.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.8880, 24.3430, 15.8870 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(166, 116, 133)` looks like.

```
.text, #text, p{  
    color:rgb(166, 116, 133)  
}
```

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(166, 116, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 116, 133) }
```

Border

The CSS property to change the border of an element to YIQ 132.8880, 24.3430, 15.8870 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(166, 116, 133) }
```


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

```
.border{ border-color:rgb(166, 116, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 116, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 116, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 116, 133);  
box-shadow:4px 4px 4px 4px rgb(166, 116,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 132.8880, 24.3430, 15.8870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 116, 133) }
```

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

```
.background{ background-color: rgb(166,  
116, 133) }
```

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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