

Converting Colors

YIQ(133.9900, 24.2960, 22.2480)

Have a look what the booklet for
YIQ(133.9900, 24.2960, 22.2480)
contains.

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Color

**YIQ(133.9900, 24.2960,
22.2480)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7191
RGB	171, 113, 145
RGB Percent	67%, 44%, 57%
CMY	0.3293, 0.5569, 0.4313
CMYK	0.00, 0.34, 0.15, 0.33
HSL	327°, 26%, 56%
HSV	327°, 34%, 67%
XYZ	27.8180, 22.5122, 29.6746
YIQ	133.9900, 24.2960, 22.2480

Conversions

Conversions Part 2

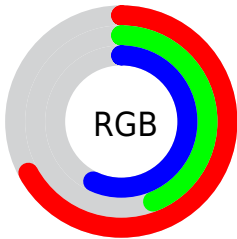
Format	Color
R_{YB}	171, 113, 145
Decimal	11235729
CIE _{Lab}	54.57, 27.81, -8.00
CIE _{LCh}	55, 28.934, 343.942
Yxy	22.5122, 0.3477, 0.2814
Android (android.graphics.Color)	4289425809 (0xFFAB7191)
YUV	133.9900, 5.4279, 32.4578
Hunter-Lab	47.4470, 21.6217, -3.8686

Details

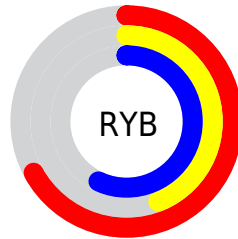
The YIQ color **133.9900, 24.2960, 22.2480** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **150.0100, -24.2960, -22.2480**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **188.0010, 25.7630, 23.1950**, and **83.6800, 22.2330, 21.0890** is the 20% darker color. If you saturate the color by 10%, you get **123.0990, 31.5390, 28.6510**, and if you desaturate by 10%, it is **144.8810, 17.0530, 15.8450**.

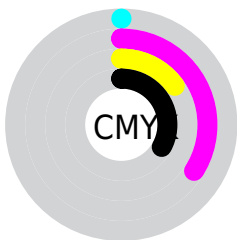
Distribution



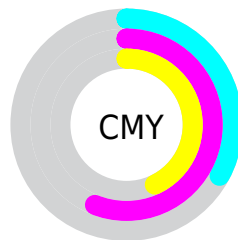
- Red (67%)
- Green (44%)
- Blue (57%)



- Red (67%)
- Yellow (44%)
- Blue (57%)



- Cyan (0%)
- Magenta (34%)
- Yellow (15%)
- Black (33%)




- Cyan (33%)
- Magenta (56%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.9900, 24.2960, 22.2480 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 133.9900, 24.2960, 22.2480 by changing the saturation by 10% instead.


 133.9900, 24.2960,
22.2480


 133.9900, 24.2960,
22.2480


255.0000, -0.0000,
-0.0000

 108.2780, 23.4250,
21.5130


 188.0010, 25.7630,
23.1950


 83.6800, 22.2330,
21.0890


 215.4140, 26.0380,
23.7180


 59.0820, 21.0410,
20.6650

 235.0420, 9.3500,
17.7820

 35.5980, 19.5280,
20.5520

 252.0650, 1.3750,
2.6150

 16.3480, 17.2360,
18.0360

 3.2890, 6.5560,
2.3320

 0.0000, 0.0000,

0.0000

■ 133.9900, 24.2960,
22.2480

■ 133.9900, 24.2960,
22.2480

■ 123.0990, 31.5390,
28.6510

■ 144.8810, 17.0530,
15.8450

■ 112.3220, 38.4610,
35.3650

■ 155.6580, 10.1310,
9.1310

■ 101.4310, 45.7040,
41.7680

■ 166.5490, 2.8880,
2.7280

■ 90.5400, 52.9470,
48.1710

■ 177.4400, -4.3550,
-3.6750

■ 79.1760, 60.1440,
55.4080

■ 188.8040,
-11.5520, -10.9120

■ 68.2850, 67.3870,
61.8110

■ 199.6950,
-18.7950, -17.3150

61.8450, 71.7420,
65.4860

210.5860,
-26.0380, -23.7180

221.3630,
-32.9600, -30.4320

225.2100,
-36.9030, -30.5590

Harmonies

Analogous

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



133.7300, 1.6010, 20.5530



133.9900, 24.2960, 22.2480



133.2440, 37.9600, 16.9040

Triad

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



133.9900, 24.2960, 22.2480



127.9690, 18.4800, -15.5360



114.0100, -67.8540, -14.7820

Complementary

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



133.9900, 24.2960, 22.2480



150.0100, -24.2960, -22.2480

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.



114.7690, -57.1700, -21.1860



133.9900, 24.2960, 22.2480



124.6010, -4.0310, -20.5670

Square

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



133.9900, 24.2960, 22.2480



129.7910, 34.0210, -5.3310



120.1880, -30.6690, -22.3890



122.5380, -51.3050, -0.8170

Rectangle

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



133.9900, 24.2960, 22.2480



131.9960, 41.3540, 10.4580



120.1880, -30.6690, -22.3890



113.0160, -67.9910, -17.8070

Sweetspot

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



133.9900, 24.2960, 22.2480



207.9460, 9.2600, 8.3960



127.0870, -3.7180, 23.3380



103.6850, 5.5010, 4.9330



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



133.9900, 24.2960, 22.2480



163.9090, 38.1860, 34.8420



130.7980, 33.2840, 13.5400



81.2610, 3.7590, 3.4630



54.3120, 62.7570, 57.6130



8.3590, 9.5350, 8.9190

Inverse Universe

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



133.9900, 24.2960, 22.2480



163.9090, 38.1860, 34.8420



153.2020, -33.2840, -13.5400



81.2610, 3.7590, 3.4630



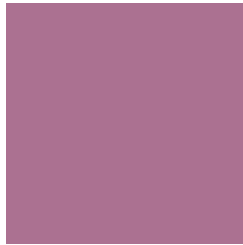
54.3120, 62.7570, 57.6130



8.3590, 9.5350, 8.9190

Previews

White Background



This preview shows how the YIQ color 133.9900, 24.2960, 22.2480 looks on a white background.

Color Contrast Check

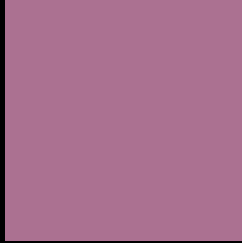
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.9900, 24.2960, 22.2480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

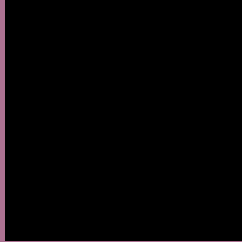
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.9900, 24.2960, 22.2480

Background



This preview shows how black text looks on a background with the YIQ color 133.9900, 24.2960, 22.2480.



This preview shows how white text looks on a background with the YIQ color 133.9900, 24.2960,

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

133.9900, 24.2960, 22.2480

Protanopia

131.4690, -11.3260, 7.0260

Deuteranopia

131.9990, 1.7410, 6.9970



Tritanopia

133.4600, 28.4240, 13.5120

Trichromacy



Original Color

133.9900, 24.2960, 22.2480

Protanomaly

132.5740, 1.7400, 12.5240

Deuteranomaly

132.7660, 9.9470, 12.4670

Tritanomaly

133.9700, 27.0480, 16.4240

Monochromacy



Original Color

133.9900, 24.2960, 22.2480

Achromatopsia

134.0000, -0.0000, -0.0000

Achromatomaly

133.6470, 8.6640, 8.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.9900, 24.2960, 22.2480 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(171, 113, 145)` looks like.

```
.text, #text, p{  
    color:rgb(171, 113, 145)  
}
```

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(171, 113, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 113, 145) }
```

Border

The CSS property to change the border of an element to YIQ 133.9900, 24.2960, 22.2480 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(171, 113, 145) }
```


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

```
.border{ border-color:rgb(171, 113, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 113, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 113, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 113, 145);  
box-shadow:4px 4px 4px 4px rgb(171, 113,  
145) }
```

Background

The CSS property to change the background color of an element to YIQ 133.9900, 24.2960, 22.2480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 113, 145) }
```

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

```
.background{ background-color: rgb(171,  
113, 145) }
```

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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