

Converting Colors

YIQ(133.4780, 2.7910, 32.0310)

Have a look what the booklet for
YIQ(133.4780, 2.7910, 32.0310)
contains.

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Color

**YIQ(133.4780, 2.7910,
32.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	9C70B9
RGB	156, 112, 185
RGB Percent	61%, 44%, 73%
CMY	0.3881, 0.5608, 0.2746
CMYK	0.16, 0.39, 0.00, 0.27
HSL	276°, 34%, 58%
HSV	276°, 39%, 73%
XYZ	28.2656, 22.1583, 48.6798
YIQ	133.4780, 2.7910, 32.0310

Conversions

Conversions Part 2

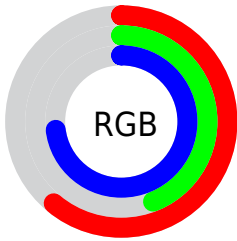
Format	Color
R _Y B	156, 112, 185
Decimal	10252473
CIE Lab	54.19, 31.18, -31.90
CIE LCh	54, 44.610, 314.340
Yxy	22.1583, 0.2852, 0.2236
Android (android.graphics.Color)	4288442553 (0xFF9C70B9)
YUV	133.4780, 25.4003, 19.7518
Hunter-Lab	47.0726, 24.8063, -28.3634

Details

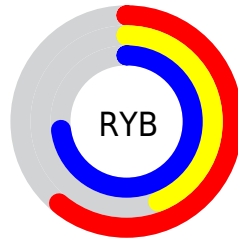
The YIQ color **133.4780, 2.7910, 32.0310** is a light color, and the websafe version is hex **996699**. A complement of this color would be **163.5220, -2.7910, -32.0310**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.1300, 3.8910, 34.1230**, and **82.8260, 1.6910, 29.9390** is the 20% darker color. If you saturate the color by 10%, you get **120.2320, 3.8440, 40.4840**, and if you desaturate by 10%, it is **146.1370, 2.0130, 24.1010**.

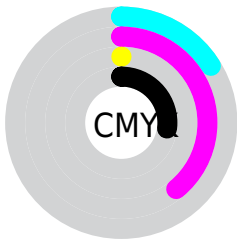
Distribution



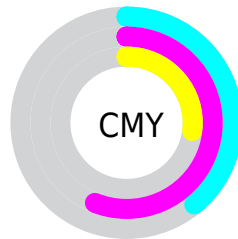
- Red (61%)
- Green (44%)
- Blue (73%)



- Red (61%)
- Yellow (44%)
- Blue (73%)



- Cyan (16%)
- Magenta (39%)
- Yellow (0%)
- Black (27%)



- Cyan (39%)
- Magenta (56%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.4780, 2.7910, 32.0310 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 133.4780, 2.7910, 32.0310 by changing the saturation by 10% instead.

133.4780, 2.7910,
32.0310

133.4780, 2.7910,
32.0310

255.0000, -0.0000,
-0.0000

107.6520, 2.2410,
30.9850

187.1300, 3.8910,
34.1230

82.8260, 1.6910,
29.9390

213.5340, 8.3850,
29.7690

58.8860, 1.4620,
28.5820

234.4550, 9.6250,
18.3050

35.1740, 0.5910,
27.8470

251.4780, 1.6500,
3.1380

15.8810, -0.1420,
24.6100

4.1040, -11.5560,
11.1960

1.2540, -3.5310,

3.4210

■ 0.0000, 0.0000,
0.0000

■ 133.4780, 2.7910,
32.0310

■ 133.4780, 2.7910,
32.0310

■ 120.2320, 3.8440,
40.4840

■ 146.1370, 2.0130,
24.1010

■ 107.2740, 4.0260,
48.2020

■ 159.6820, 1.5560,
15.8600

■ 94.0280, 5.0790,
56.6550

■ 172.3410, 0.7780,
7.9300

■ 81.3690, 5.8570,
64.5850

■ 185.5870, -0.2750,
-0.5230

■ 67.8240, 6.3140,
72.8260

■ 198.5450, -0.4570,
-8.2410

■ 55.1650, 7.0920,
80.7560

■ 211.7910, -1.5100,
-16.6940

■ 54.5780, 7.3670,
81.2790

■ 224.4500, -2.2880,
-24.6240

■ 235.0600, -1.3700,
-30.2500

■ 237.1530, 2.8020,
-28.7660

Harmonies

Analogous

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



126.8080, -42.5970, 17.5870



133.4780, 2.7910, 32.0310



132.1370, 37.5440, 35.4640

Triad

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



133.4780, 2.7910, 32.0310



127.1270, 50.3900, -10.1380



104.2210, -88.1620, -32.2100

Complementary

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



133.4780, 2.7910, 32.0310



163.5220, -2.7910, -32.0310

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.



101.7650, -69.6830, -42.2190



133.4780, 2.7910, 32.0310



123.9510, 26.9180, -25.2900

Square

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



133.4780, 2.7910, 32.0310



128.7070, 61.1610, 9.4250



118.7710, -7.9260, -32.5820



106.4500, -98.5720, -19.7560

Rectangle

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



133.4780, 2.7910, 32.0310



130.4020, 52.6750, 31.0670



118.7710, -7.9260, -32.5820



102.7390, -83.9890, -36.2530

Sweetspot

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



133.4780, 2.7910, 32.0310



219.3890, 0.8230, 12.6230



137.3450, -31.4080, 7.5360



107.9280, 0.5030, 7.4070



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



133.4780, 2.7910, 32.0310



160.2140, 4.2550, 49.5590



141.3510, 22.3220, 36.0020



85.5210, 0.0910, 3.8590



45.8900, 5.9480, 68.4440



8.2750, 1.1440, 12.3120

Inverse Universe

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



137.1330, 34.1990, 24.4950



165.9170, 52.9030, 37.9510



155.6490, -22.3220, -36.0020



86.0330, 4.4010, 2.8410



53.7120, 73.0740, 52.3540



9.6260, 13.1570, 9.3570

Previews

White Background



This preview shows how the YIQ color 133.4780, 2.7910, 32.0310 looks on a white background.

Color Contrast Check

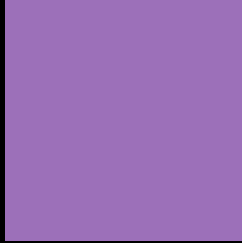
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.4780, 2.7910, 32.0310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

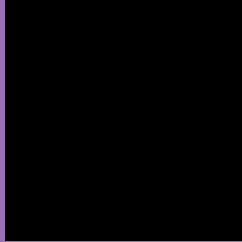
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.4780, 2.7910, 32.0310

Background



This preview shows how black text looks on a background with the YIQ color 133.4780, 2.7910, 32.0310.



This preview shows how white text looks on a background with the YIQ color 133.4780, 2.7910,

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

133.4780, 2.7910, 32.0310

Protanopia

129.1030, -36.1780, 16.8940

Deuteranopia

129.3720, -26.8700, 13.4020



Tritanopia

131.6150, 11.6900, 8.4100

Trichromacy



Original Color

133.4780, 2.7910, 32.0310

Protanomaly

130.6920, -21.5990, 22.5050

Deuteranomaly

130.7480, -16.0050, 20.2430

Tritanomaly

132.3300, 8.4790, 17.0470

Monochromacy



Original Color

133.4780, 2.7910, 32.0310

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.8620, 0.8690, 11.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.4780, 2.7910, 32.0310 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(156, 112, 185)` looks like.

```
.text, #text, p{  
    color:rgb(156, 112, 185)  
}
```

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(156, 112, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 112, 185) }
```

Border

The CSS property to change the border of an element to YIQ 133.4780, 2.7910, 32.0310 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(156, 112, 185) }
```


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

```
.border{ border-color:rgb(156, 112, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 112, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 112, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 112, 185);  
box-shadow:4px 4px 4px 4px rgb(156, 112,  
185) }
```

Background

The CSS property to change the background color of an element to YIQ 133.4780, 2.7910, 32.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 112, 185) }
```

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

```
.background{ background-color: rgb(156,  
112, 185) }
```

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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