

Converting Colors

YIQ(133.1480, 12.6480, 35.1120)

Have a look what the booklet for
YIQ(133.1480, 12.6480, 35.1120)
contains.

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Color

**YIQ(133.1480, 12.6480,
35.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	A76BB3
RGB	167, 107, 179
RGB Percent	65%, 42%, 70%
CMY	0.3449, 0.5805, 0.2980
CMYK	0.07, 0.40, 0.00, 0.30
HSL	290°, 32%, 56%
HSV	290°, 40%, 70%
XYZ	29.3381, 21.9855, 45.3444
YIQ	133.1480, 12.6480, 35.1120

Conversions

Conversions Part 2

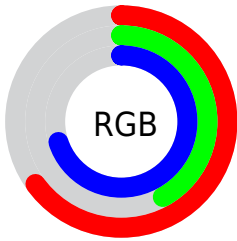
Format	Color
RYB	167, 107, 179
Decimal	10972083
CIELab	54.01, 36.14, -28.64
CIELCh	54, 46.112, 321.596
Yxy	21.9855, 0.3035, 0.2274
Android (android.graphics.Color)	4289162163 (0xFFA76BB3)
YUV	133.1480, 22.6050, 29.6882
Hunter-Lab	46.8887, 29.6316, -24.5152

Details

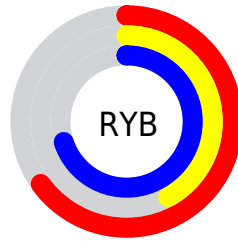
The YIQ color **133.1480, 12.6480, 35.1120** is a light color, and the websafe version is hex **996699**. A complement of this color would be **152.8520, -12.6480, -35.1120**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.3870, 13.4730, 36.6810**, and **81.9090, 11.8230, 33.5430** is the 20% darker color. If you saturate the color by 10%, you get **121.6850, 15.8100, 43.8900**, and if you desaturate by 10%, it is **144.6110, 9.4860, 26.3340**.

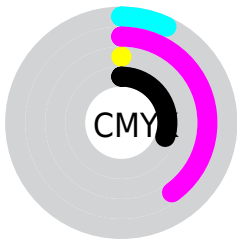
Distribution



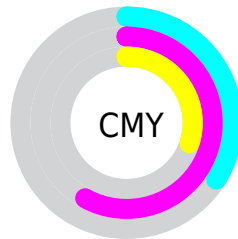
- Red (65%)
- Green (42%)
- Blue (70%)



- Red (65%)
- Yellow (42%)
- Blue (70%)



- Cyan (7%)
- Magenta (40%)
- Yellow (0%)
- Black (30%)



- Cyan (34%)
- Magenta (58%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.1480, 12.6480, 35.1120 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 133.1480, 12.6480, 35.1120 by changing the saturation by 10% instead.

133.1480, 12.6480,
35.1120

133.1480, 12.6480,
35.1120

255.0000, -0.0000,
-0.0000

107.3220, 12.0980,
34.0660

187.3870, 13.4730,
36.6810

81.9090, 11.8230,
33.5430

214.1870, 16.9120,
34.9280

57.1970, 10.9520,
32.8080

231.5200, 11.0000,
20.9200

31.6100, 11.2270,
33.3310

248.5430, 3.0250,
5.7530

18.0020, 6.8270,
24.9630

5.0290, -6.9710,
10.7010

0.3420, -0.9630,

0.9330

■ 0.0000, 0.0000,
0.0000

■ 133.1480, 12.6480,
35.1120

■ 133.1480, 12.6480,
35.1120

■ 121.6850, 15.8100,
43.8900

■ 144.6110, 9.4860,
26.3340

■ 110.2220, 18.9720,
52.6680

■ 156.0740, 6.3240,
17.5560

■ 98.7590, 22.1340,
61.4460

■ 167.5370, 3.1620,
8.7780

■ 87.2960, 25.2960,
70.2240

■ 179.0000, -0.0000,
-0.0000

■ 75.8330, 28.4580,
79.0020

■ 189.8760, -2.8870,
-8.2550

■ 64.9570, 31.3450,
87.2570

■ 201.3390, -6.0490,
-17.0330

■ 212.8020, -9.2110,
-25.8110

■ 224.2650,
-12.3730, -34.5890

■ 228.0970,
-11.9600, -36.5680

Harmonies

Analogous

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



128.8310, -32.2360, 22.5480



133.1480, 12.6480, 35.1120



130.5570, 45.1090, 36.0290

Triad

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



133.1480, 12.6480, 35.1120



125.6980, 47.0440, -15.5800



105.3610, -91.3720, -29.1000

Complementary

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



133.1480, 12.6480, 35.1120



152.8520, -12.6480, -35.1120

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.



100.1000, -77.9360, -41.3280



133.1480, 12.6480, 35.1120



122.4230, 19.5370, -29.1910

Square

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



133.1480, 12.6480, 35.1120



127.6590, 61.1160, 4.7320



115.8450, -19.9380, -35.1540



106.8890, -101.1860, -16.4340

Rectangle

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



133.1480, 12.6480, 35.1120



128.9850, 58.2230, 29.6390



115.8450, -19.9380, -35.1540



103.8790, -87.1990, -33.1430

Sweetspot

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



133.1480, 12.6480, 35.1120



214.0690, 4.7200, 13.5840



122.2520, -26.4120, 16.1160



107.0100, 3.2080, 7.9440



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



133.1480, 12.6480, 35.1120



161.4610, 19.7970, 54.2370



134.0000, 27.5040, 30.1920



83.4180, 1.8790, 4.4950



55.7140, 27.1750, 74.7190



9.2430, 4.1700, 12.5380

Inverse Universe

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



129.8960, 39.0600, 18.9960



156.2410, 60.3780, 29.1300



152.0000, -27.5040, -30.1920



82.9190, 4.7220, 2.5300



48.5970, 83.1630, 40.2110



8.2300, 14.2120, 6.7560

Previews

White Background



This preview shows how the YIQ color 133.1480, 12.6480, 35.1120 looks on a white background.

Color Contrast Check

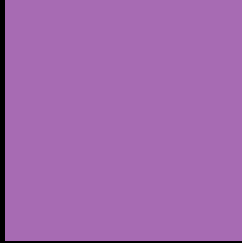
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.1480, 12.6480, 35.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

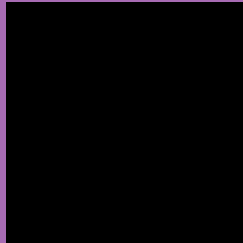
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.1480, 12.6480, 35.1120

Background



This preview shows how black text looks on a background with the YIQ color 133.1480, 12.6480, 35.1120.



This preview shows how white text looks on a background with the YIQ color 133.1480, 12.6480,

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

133.1480, 12.6480, 35.1120

Protanopia

128.4730, -34.3440, 16.6960

Deuteranopia

129.7700, -22.2390, 12.0730



Tritanopia

131.5840, 22.1430, 11.7030

Trichromacy



Original Color

133.1480, 12.6480, 35.1120

Protanomaly

130.2580, -17.3810, 23.1550

Deuteranomaly

130.8690, -9.0360, 20.5960

Tritanomaly

132.2990, 18.9320, 20.3400

Monochromacy



Original Color

133.1480, 12.6480, 35.1120

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2430, 4.1700, 12.5380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.1480, 12.6480, 35.1120 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(167, 107, 179)` looks like.

```
.text, #text, p{  
    color:rgb(167, 107, 179)  
}
```

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(167, 107, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 107, 179) }
```

Border

The CSS property to change the border of an element to YIQ 133.1480, 12.6480, 35.1120 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(167, 107, 179) }
```


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

```
.border{ border-color:rgb(167, 107, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 107, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 107, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 107, 179);  
box-shadow:4px 4px 4px 4px rgb(167, 107,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 133.1480, 12.6480, 35.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 107, 179) }
```

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

```
.background{ background-color: rgb(167,  
107, 179) }
```

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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