

Converting Colors

YIQ(132.8000, 13.7480, 37.2040)

Have a look what the booklet for
YIQ(132.8000, 13.7480, 37.2040)
contains.

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Color

**YIQ(132.8000, 13.7480,
37.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	A969B5
RGB	169, 105, 181
RGB Percent	66%, 41%, 71%
CMY	0.3370, 0.5883, 0.2902
CMYK	0.07, 0.42, 0.00, 0.29
HSL	291°, 34%, 56%
HSV	291°, 42%, 71%
XYZ	29.7623, 21.8745, 46.3690
YIQ	132.8000, 13.7480, 37.2040

Conversions

Conversions Part 2

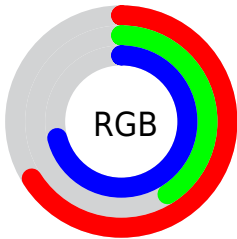
Format	Color
R _Y B	169, 105, 181
Decimal	11102645
CIE Lab	53.89, 38.27, -29.96
CIE LCh	54, 48.602, 321.936
Yxy	21.8745, 0.3037, 0.2232
Android (android.graphics.Color)	4289292725 (0xFFA969B5)
YUV	132.8000, 23.7626, 31.7474
Hunter-Lab	46.7702, 31.7411, -26.0423

Details

The YIQ color **132.8000, 13.7480, 37.2040** is a light color, and the websafe version is hex **996699**. A complement of this color would be **153.2000, -13.7480, -37.2040**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.0390, 14.5730, 38.7730**, and **81.2620, 12.3270, 35.4230** is the 20% darker color. If you saturate the color by 10%, you get **121.3370, 16.9100, 45.9820**, and if you desaturate by 10%, it is **144.2630, 10.5860, 28.4260**.

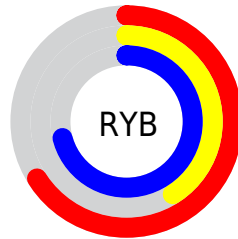
Distribution



Red (66%)

Green (41%)

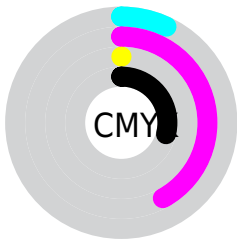
Blue (71%)



Red (66%)

Yellow (41%)

Blue (71%)

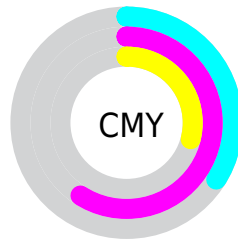


Cyan (7%)

Magenta (42%)

Yellow (0%)

Black (29%)



Cyan (34%)

Magenta (59%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.8000, 13.7480, 37.2040 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 132.8000, 13.7480, 37.2040 by changing the saturation by 10% instead.

132.8000, 13.7480,
37.2040

132.8000, 13.7480,
37.2040

255.0000, -0.0000,
-0.0000

106.9740, 13.1980,
36.1580

187.0390, 14.5730,
38.7730

81.2620, 12.3270,
35.4230

213.9100, 19.2500,
36.6100

55.8490, 12.0520,
34.9000

230.3460, 11.5500,
21.9660

29.7890, 12.2810,
36.2570

247.3690, 3.5750,
6.7990

18.5290, 6.7810,
25.7970

6.1540, -5.8250,
11.9590

0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 132.8000, 13.7480,
37.2040

■ 132.8000, 13.7480,
37.2040

■ 121.3370, 16.9100,
45.9820

■ 144.2630, 10.5860,
28.4260

■ 109.8740, 20.0720,
54.7600

■ 155.7260, 7.4240,
19.6480

■ 98.7100, 23.8300,
63.7500

■ 167.1890, 4.2620,
10.8700

■ 87.2470, 26.9920,
72.5280

■ 178.3530, 0.5040,
1.8800

■ 75.1970, 30.4290,
81.8290

■ 189.8160, -2.6580,
-6.8980

■ 66.3810, 33.0870,
88.7270

■ 201.8660, -6.0950,
-16.1990

■ 213.3290, -9.2570,
-24.9770

■ 224.7920,
-12.4190, -33.7550

■ 228.6240,
-12.0060, -35.7340

Harmonies

Analogous

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



128.4010, -33.8410, 24.1030



132.8000, 13.7480, 37.2040



129.9920, 48.3180, 38.4460

Triad

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



132.8000, 13.7480, 37.2040



125.0140, 48.9700, -17.4460



105.5890, -92.0140, -28.4780

Complementary

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



132.8000, 13.7480, 37.2040



153.2000, -13.7480, -37.2040

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.



100.6870, -78.2110, -41.8510



132.8000, 13.7480, 37.2040



121.4400, 20.8670, -31.2690

Square

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



132.8000, 13.7480, 37.2040



127.2140, 63.8670, 4.4350



114.0080, -21.9550, -37.1470



107.8180, -102.4240, -16.0240

Rectangle

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



132.8000, 13.7480, 37.2040



128.0070, 61.1570, 31.5330



114.0080, -21.9550, -37.1470



103.9930, -87.5200, -32.8320

Sweetspot

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



132.8000, 13.7480, 37.2040



215.3080, 5.5450, 15.1530



121.2950, -27.9710, 16.8370



105.5370, 3.1620, 8.7780



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.



132.8000, 13.7480, 37.2040



160.0530, 21.1260, 57.6860



133.5380, 28.9250, 31.9730



83.4180, 1.8790, 4.4950



56.0130, 27.7710, 74.9310



9.2430, 4.1700, 12.5380

Inverse Universe

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



129.0920, 41.4440, 19.8440



154.4480, 64.2290, 30.9250



152.4620, -28.9250, -31.9730



82.9190, 4.7220, 2.5300



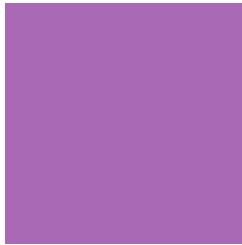
48.4830, 83.4840, 39.9000



8.2300, 14.2120, 6.7560

Previews

White Background



This preview shows how the YIQ color 132.8000, 13.7480, 37.2040 looks on a white background.

Color Contrast Check

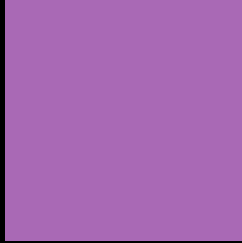
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.8000, 13.7480, 37.2040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

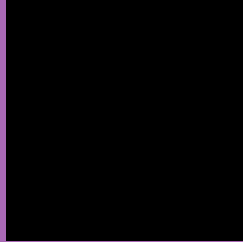
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.8000, 13.7480, 37.2040

Background



This preview shows how black text looks on a background with the YIQ color 132.8000, 13.7480, 37.2040.



This preview shows how white text looks on a background with the YIQ color 132.8000, 13.7480,

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

132.8000, 13.7480, 37.2040

Protanopia

128.0320, -37.4160, 17.3040

Deuteranopia

128.8130, -23.7980, 12.7940



Tritanopia

131.1820, 23.3350, 12.1270

Trichromacy



Original Color

132.8000, 13.7480, 37.2040

Protanomaly

129.7140, -18.6650, 24.3990

Deuteranomaly

130.2110, -9.9990, 21.5290

Tritanomaly

132.0110, 19.8030, 21.0750

Monochromacy



Original Color

132.8000, 13.7480, 37.2040

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9550, 5.0410, 13.2730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.8000, 13.7480, 37.2040 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(169, 105, 181)` looks like.

```
.text, #text, p{  
    color:rgb(169, 105, 181)  
}
```

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(169, 105, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 105, 181) }
```

Border

The CSS property to change the border of an element to YIQ 132.8000, 13.7480, 37.2040 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(169, 105, 181) }
```


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

```
.border{ border-color:rgb(169, 105, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 105, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 105, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 105, 181);  
box-shadow:4px 4px 4px 4px rgb(169, 105,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 132.8000, 13.7480, 37.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 105, 181) }
```

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

```
.background{ background-color: rgb(169,  
105, 181) }
```

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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