

Converting Colors

YIQ(133.1750, 42.4080, 13.3840)

Have a look what the booklet for
YIQ(133.1750, 42.4080, 13.3840)
contains.

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Color

**YIQ(133.1750, 42.4080,
13.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	B6716D
RGB	182, 113, 109
RGB Percent	71%, 44%, 43%
CMY	0.2861, 0.5570, 0.5724
CMYK	0.00, 0.38, 0.40, 0.29
HSL	3°, 33%, 57%
HSV	3°, 40%, 71%
XYZ	27.9657, 22.8590, 17.4186
YIQ	133.1750, 42.4080, 13.3840

Conversions

Conversions Part 2

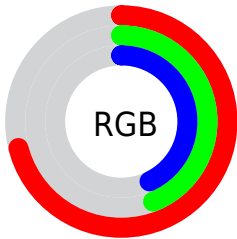
Format	Color
RYB	182, 113, 109
Decimal	11956589
CIELab	54.93, 26.84, 13.72
CIELCh	55, 30.140, 27.071
Yxy	22.8590, 0.4098, 0.3350
Android (android.graphics.Color)	4290146669 (0xFFB6716D)
YUV	133.1750, -11.9183, 42.8195
Hunter-Lab	47.8110, 20.7392, 11.8671

Details

The YIQ color **133.1750, 42.4080, 13.3840** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **157.8250, -42.4080, -13.3840**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.4420, 46.0300, 13.8220**, and **82.6090, 38.1900, 12.7340** is the 20% darker color. If you saturate the color by 10%, you get **121.1440, 52.8610, 16.6770**, and if you desaturate by 10%, it is **145.2060, 31.9550, 10.0910**.

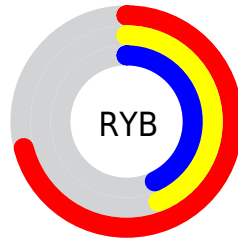
Distribution



Red (71%)

Green (44%)

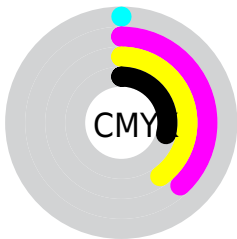
Blue (43%)



Red (71%)

Yellow (44%)

Blue (43%)

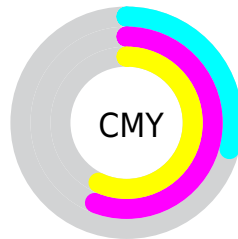


Cyan (0%)

Magenta (38%)

Yellow (40%)

Black (29%)



Cyan (29%)


Magenta (56%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 133.1750, 42.4080, 13.3840 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 133.1750, 42.4080, 13.3840 by changing the saturation by 10% instead.


 133.1750, 42.4080,
13.3840


 133.1750, 42.4080,
13.3840


255.0000, -0.0000,
-0.0000


 107.3920, 40.2990,
13.0590


 187.5560, 45.7090,
14.1330


 82.6090, 38.1900,
12.7340


 210.8540, 38.8780,
11.2780


 57.9400, 35.7600,
12.7200

 230.4820, 22.1900,
5.3420

 34.3850, 33.0090,
13.0170

 250.8110, 4.9060,
-0.8060

 14.6510, 29.2040,
10.3880

 3.8870, 7.7480,
2.7560

 0.0000, 0.0000,

0.0000

■ 133.1750, 42.4080,
13.3840

■ 133.1750, 42.4080,
13.3840

■ 121.1440, 52.8610,
16.6770

■ 145.2060, 31.9550,
10.0910

■ 109.1130, 63.3140,
19.9700

■ 157.2370, 21.5020,
6.7980

■ 96.3810, 74.3630,
23.4750

■ 169.9690, 10.4530,
3.2930

■ 84.3500, 84.8160,
26.7680

■ 182.0000, -0.0000,
-0.0000

■ 72.3190, 95.2690,
30.0610

■ 194.0310,
-10.4530, -3.2930

■ 60.2880, 105.7220,
33.3540

■ 206.0620,
-20.9060, -6.5860

■ 218.6800,
-31.6340, -10.4020

■ 230.8250,
-42.4080, -13.3840

■ 233.1730,
-43.5080, -15.4760

Harmonies

Analogous

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



134.6550, 32.5490, 21.3570



133.1750, 42.4080, 13.3840



132.0140, 40.9430, 1.3830

Triad

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



133.1750, 42.4080, 13.3840



123.6750, -16.0430, -23.1390



127.0170, -42.2280, 5.3880

Complementary

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



133.1750, 42.4080, 13.3840



157.8250, -42.4080, -13.3840

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.



117.0580, -67.8090, -10.0890



133.1750, 42.4080, 13.3840



117.6470, -45.2030, -23.3070

Square

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



133.1750, 42.4080, 13.3840



127.0710, 9.2650, -19.2390



111.3420, -72.0250, -21.7930



133.4230, -13.7120, 17.2320

Rectangle

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



133.1750, 42.4080, 13.3840



130.7370, 34.1130, -6.9990



111.3420, -72.0250, -21.7930



123.5920, -51.3970, 0.8510

Sweetspot

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



133.1750, 42.4080, 13.3840



217.9590, 16.4130, 5.4130



138.6930, 21.3590, 36.9350



108.6700, 9.8570, 3.0810



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.



133.1750, 42.4080, 13.3840



160.6080, 66.2940, 21.0300



154.3070, 32.5080, -5.4440



85.6910, 5.3640, 1.9080



51.3400, 90.7760, 28.8880



9.5460, 16.1380, 4.8900

Inverse Universe

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



157.8250, -42.4080, -13.3840



199.3920, -66.2940, -21.0300



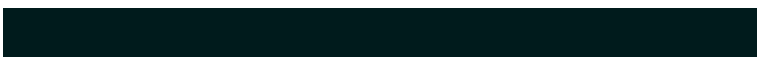
136.6930, -32.5080, 5.4440



88.7220, -5.0890, -1.3850



104.0730, -90.5010, -28.3650



19.0410, -16.4130, -5.4130

Previews

White Background



This preview shows how the YIQ color 133.1750, 42.4080, 13.3840 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 133.1750, 42.4080, 13.3840 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 133.1750, 42.4080, 13.3840

Background



This preview shows how black text looks on a background with the YIQ color 133.1750, 42.4080, 13.3840.



This preview shows how white text looks on a background with the YIQ color 133.1750, 42.4080,

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

133.1750, 42.4080, 13.3840

Protanopia

131.3120, 7.7490, -2.7710

Deuteranopia

132.4940, 21.9160, -0.7080



Tritanopia

133.5540, 40.0230, 18.0630

Trichromacy



Original Color

133.1750, 42.4080, 13.3840

Protanomaly

131.6450, 20.1730, 3.3490

Deuteranomaly

132.9620, 29.5260, 4.5500

Tritanomaly

133.6850, 41.0320, 16.2960

Monochromacy



Original Color

133.1750, 42.4080, 13.3840

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2470, 15.5420, 4.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.1750, 42.4080, 13.3840 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(182, 113, 109)` looks like.

```
.text, #text, p{  
    color:rgb(182, 113, 109)  
}
```

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(182, 113, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 113, 109) }
```

Border

The CSS property to change the border of an element to YIQ 133.1750, 42.4080, 13.3840 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(182, 113, 109) }
```


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

```
.border{ border-color:rgb(182, 113, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 113, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 113, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 113, 109);  
box-shadow:4px 4px 4px 4px rgb(182, 113,  
109) }
```

Background

The CSS property to change the background color of an element to YIQ 133.1750, 42.4080, 13.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 113, 109) }
```

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

```
.background{ background-color: rgb(182,  
113, 109) }
```

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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