

Converting Colors

YIQ(170.6830, 17.0100, 0.0980)

Have a look what the booklet for
YIQ(170.6830, 17.0100, 0.0980)
contains.

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Color

**YIQ(170.6830, 17.0100,
0.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA698
RGB	187, 166, 152
RGB Percent	73%, 65%, 60%
CMY	0.2666, 0.3490, 0.4038
CMYK	0.00, 0.11, 0.19, 0.27
HSL	24°, 20%, 66%
HSV	24°, 19%, 73%
XYZ	39.7998, 40.1030, 35.3573
YIQ	170.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

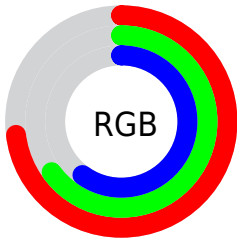
Format	Color
RYB	187, 175, 152
Decimal	12297880
CIELab	69.54, 5.35, 10.02
CIElCh	70, 11.358, 61.902
Yxy	40.1030, 0.3453, 0.3479
Android (android.graphics.Color)	4290487960 (0xFFBBA698)
YUV	170.6830, -9.2107, 14.3100
Hunter-Lab	63.3269, 1.3619, 11.2255

Details

The YIQ color $170.6830, 17.0100, 0.0980$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $168.3170, -17.0100, -0.0980$, and the grayscale version is $171.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $225.8680, 17.9270, -0.0010$, and $118.1990, 15.4970, -0.0150$ is the 20% darker color. If you saturate the color by 10%, you get $162.0600, 26.1340, -0.0580$, and if you desaturate by 10%, it is $179.3060, 7.8860, 0.2540$.

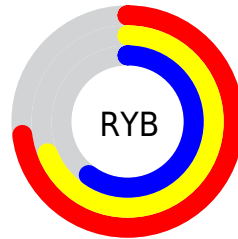
Distribution



Red (73%)

Green (65%)

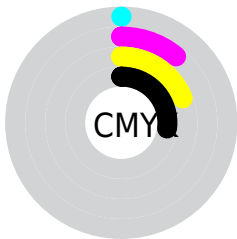
Blue (60%)



Red (73%)

Yellow (69%)

Blue (60%)

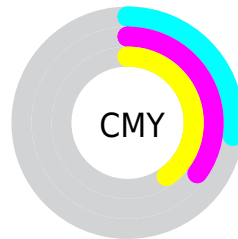


Cyan (0%)

Magenta (11%)

Yellow (19%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.6830, 17.0100, 0.0980 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 170.6830, 17.0100, 0.0980 by changing the saturation by 10% instead.

■ 170.6830, 17.0100,
0.0980

■ 170.6830, 17.0100,
0.0980

255.0000, -0.0000,
-0.0000

■ 144.3840, 16.4140,
-0.1140

■ 225.8680, 17.9270,
-0.0010

■ 118.1990, 15.4970,
-0.0150

■ 249.6710, 8.1160,
-3.9160

■ 93.9000, 14.9010,
-0.2270

■ 69.7150, 13.9840,
-0.1280

■ 47.5300, 13.0670,
-0.0290

■ 26.7040, 12.5170,
-1.0750

■ 2.6910, 5.3640,

1.9080

■ 0.0000, 0.0000,
0.0000

■ 170.6830, 17.0100,
0.0980

■ 170.6830, 17.0100,
0.0980

■ 162.0600, 26.1340,
-0.0580

■ 179.3060, 7.8860,
0.2540

■ 153.5510, 34.9370,
0.0970

■ 187.8150, -0.9170,
0.0990

■ 144.3410, 44.3360,
0.4640

■ 197.0250,
-10.3160, -0.2680

■ 135.7180, 53.4600,
0.3080

■ 205.6480,
-19.4400, -0.1120

■ 127.2090, 62.2630,
0.4630

■ 214.2710,
-28.5640, 0.0440

■ 118.5860, 71.3870,
0.3070

■ 221.7540,
-34.4780, -2.9100

■ 109.3760, 80.7860,
0.6740

■ 228.7980,
-37.7780, -9.1860

■ 100.7530, 89.9100,
0.5180

■ 234.6680,
-40.5280, -14.4160

■ 99.9380, 90.8270,
0.4190

Harmonies

Analogous

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



171.8020, 18.2930, 4.3810



170.6830, 17.0100, 0.0980



169.4110, 11.7840, -4.3120

Triad

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



170.6830, 17.0100, 0.0980



166.3460, -15.9540, -8.2260



171.0740, -2.8440, 7.4920

Complementary

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



170.6830, 17.0100, 0.0980



168.3170, -17.0100, -0.0980

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.



169.2900, -12.3800, 4.1000



170.6830, 17.0100, 0.0980



166.8880, -20.3560, -5.5400

Square

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



170.6830, 17.0100, 0.0980



167.3100, -7.1050, -8.9050



168.1210, -19.3940, -0.9460



171.8040, 6.7840, 9.2160

Rectangle

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



170.6830, 17.0100, 0.0980



169.0080, 5.5490, -6.9550



168.1210, -19.3940, -0.9460



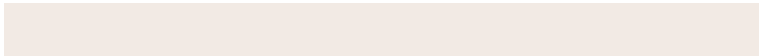
170.3940, -6.7410, 6.5310

Sweetspot

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



170.6830, 17.0100, 0.0980



235.7080, 6.6940, -0.1700



164.9730, 13.7980, 14.2620



118.1530, 3.9430, 0.1270



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



170.6830, 17.0100, 0.0980



217.1740, 25.8130, 0.2530



180.6620, 12.3350, -8.7930



90.0390, 4.2640, -0.1840



84.2230, 76.8430, 0.5470



16.3130, 15.1760, 0.2960

Inverse Universe

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



168.3170, -17.0100, -0.0980



213.8260, -25.8130, -0.2530



158.3380, -12.3350, 8.7930



89.5480, -4.5390, -0.3390



73.7770, -76.8430, -0.5470



14.1000, -14.9010, 0.2270

Previews

White Background



This preview shows how the YIQ color 170.6830, 17.0100, 0.0980 looks on a white background.

Color Contrast Check

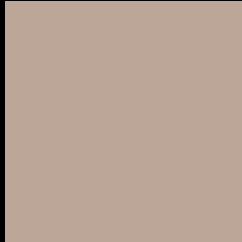
Large Text (above 18pt) WCAG AA × Fail

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 170.6830, 17.0100, 0.0980 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 ✓ Pass

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

YIQ 170.6830, 17.0100, 0.0980

Background



This preview shows how black text looks on a background with the YIQ color 170.6830, 17.0100, 0.0980.



This preview shows how white text looks on a background with the YIQ color 170.6830, 17.0100,

0.0980.

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

170.6830, 17.0100, 0.0980

Protanopia

169.6820, 9.5830, -2.9690

Deuteranopia

171.3030, 21.1360, 2.4160



Tritanopia

172.4410, 12.2400, 9.4560

Trichromacy



Original Color

170.6830, 17.0100, 0.0980

Protanomaly

170.1770, 12.5630, -1.9090

Deuteranomaly

171.2920, 19.6690, 1.4690

Tritanomaly

171.8170, 13.9370, 6.2330

Monochromacy



Original Color

170.6830, 17.0100, 0.0980

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.8220, 6.3730, 0.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.6830, 17.0100, 0.0980 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(187, 166, 152)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 152)  
}
```

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(187, 166, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 152) }
```

Border

The CSS property to change the border of an element to YIQ 170.6830, 17.0100, 0.0980 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(187, 166, 152) }
```


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

```
.border{ border-color:rgb(187, 166, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 166, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 166, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 166, 152);  
box-shadow:4px 4px 4px 4px rgb(187, 166,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 170.6830, 17.0100, 0.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 152) }
```

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

```
.background{ background-color: rgb(187,  
166, 152) }
```

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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