

Converting Colors

YIQ(205.6830, 17.0100, 0.0980)

Have a look what the booklet for
YIQ(205.6830, 17.0100, 0.0980)
contains.

- YIQ(205.6830, 17.0100, 0.0980)** 3
- Conversions*** 4
- Details*** 6
- Harmonies*** 12
- Previews*** 24
- Color Blindness Simulation*** 28
- CSS Examples*** 31

Color

**YIQ(205.6830, 17.0100,
0.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC9BB
RGB	222, 201, 187
RGB Percent	87%, 79%, 73%
CMY	0.1294, 0.2118, 0.2666
CMYK	0.00, 0.09, 0.16, 0.13
HSL	24°, 35%, 80%
HSV	24°, 16%, 87%
XYZ	59.9838, 60.8891, 55.6162
YIQ	205.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

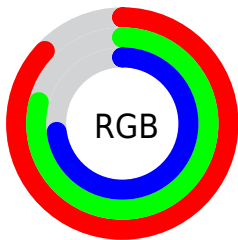
Format	Color
R _Y B	222, 210, 187
Decimal	14600635
CIE Lab	82.32, 5.09, 9.64
CIE LCh	82, 10.903, 62.170
Yxy	60.8891, 0.3399, 0.3450
Android (android.graphics.Color)	4292790715 (0xFFDEC9BB)
YUV	205.6830, -9.2107, 14.3100
Hunter-Lab	78.0315, 0.6601, 12.3636

Details

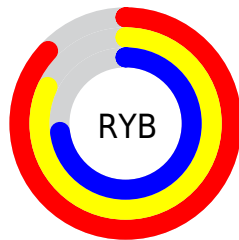
The YIQ color $205.6830, 17.0100, 0.0980$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $203.3170, -17.0100, -0.0980$, and the grayscale version is $206.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.6320, 3.8520, -3.7320$, and $151.4980, 16.0930, 0.1970$ is the 20% darker color. If you saturate the color by 10%, you get $195.5440, 27.6470, 0.0550$, and if you desaturate by 10%, it is $215.8220, 6.3730, 0.1410$.

Distribution



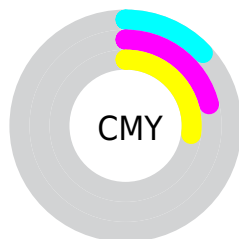
- Red (87%)
- Green (79%)
- Blue (73%)



- Red (87%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (9%)
- Yellow (16%)
- Black (13%)





- Cyan (13%)
- Magenta (21%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.6830, 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 205.6830, 17.0100, 0.0980 by changing the saturation by 10% instead.


 205.6830, 17.0100,
0.0980


 205.6830, 17.0100,
0.0980


255.0000, -0.0000,
-0.0000


 178.3840, 16.4140,
-0.1140


 253.6320, 3.8520,
-3.7320

 151.4980, 16.0930,
0.1970

 125.3130, 15.1760,
0.2960

 100.6010, 14.3050,
-0.4390

 76.7150, 13.9840,
-0.1280

 53.5300, 13.0670,
-0.0290

 32.0460, 11.5540,

-0.1420

■ 8.9260, 12.0120,
2.5720

■ 0.0000, 0.0000,
0.0000

■ 205.6830, 17.0100,
0.0980

■ 205.6830, 17.0100,
0.0980

■ 195.5440, 27.6470,
0.0550

■ 215.8220, 6.3730,
0.1410

■ 184.8180, 38.5590,
0.5350

■ 226.5480, -4.5390,
-0.3390

■ 174.5650, 49.5170,
0.1810

■ 236.8010,
-15.4970, 0.0150

■ 164.4260, 60.1540,
0.1380

■ 244.5460,
-19.3930, -6.4730

■ 153.7000, 71.0660,
0.6180

■ 245.1330,
-19.6680, -6.9960

■ 143.5610, 81.7030,
0.5750

■ 133.4220, 92.3400,
0.5320

■ 122.5820,
103.5730, 0.7010

■ 118.6210,
107.8370, 0.5170

Harmonies

Analogous

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



206.8020, 18.2930, 4.3810



205.6830, 17.0100, 0.0980



204.4110, 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.



205.6830, 17.0100, 0.0980



201.6450, -15.3580, -8.0140



206.0740, -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.



205.6830, 17.0100, 0.0980



203.3170, -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.



204.2900, -12.3800, 4.1000



205.6830, 17.0100, 0.0980



201.6000, -19.4850, -4.8050

Square

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



205.6830, 17.0100, 0.0980



202.3100, -7.1050, -8.9050



202.7190, -18.2020, -0.5220



206.8040, 6.7840, 9.2160

Rectangle

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



205.6830, 17.0100, 0.0980



203.4210, 5.8240, -6.4320



202.7190, -18.2020, -0.5220



205.6930, -6.1450, 6.7430

Sweetspot

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



205.6830, 17.0100, 0.0980



248.8220, 6.3730, 0.1410



199.9730, 13.7980, 14.2620



124.1530, 3.9430, 0.1270



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



205.6830, 17.0100, 0.0980



232.5050, 23.3830, 0.2390



215.6620, 12.3350, -8.7930



106.6370, 5.4560, 0.2400



93.7140, 85.6460, 0.7020



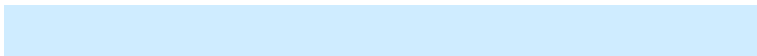
25.5050, 23.3830, 0.2390

Inverse Universe

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



203.3170, -17.0100, -0.0980



229.4950, -23.3830, -0.2390



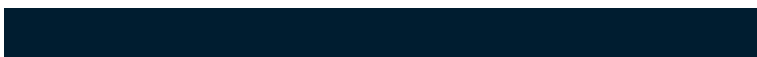
193.3380, -12.3350, 8.7930



106.3630, -5.4560, -0.2400



82.2860, -85.6460, -0.7020



22.4950, -23.3830, -0.2390

Previews

White Background



This preview shows how the YIQ color 205.6830, 17.0100, 0.0980 looks on a white background.

Color Contrast Check

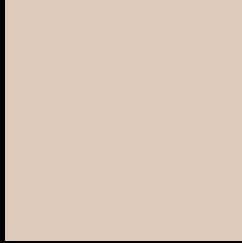
Large Text (above 18pt) WCAG AA × Fail

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 205.6830, 17.0100, 0.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

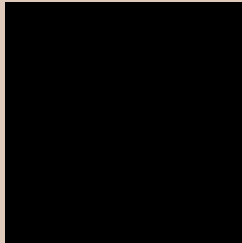
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.6830, 17.0100, 0.0980

Background



This preview shows how black text looks on a background with the YIQ color 205.6830, 17.0100, 0.0980.



This preview shows how white text looks on a background with the YIQ color 205.6830, 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

205.6830, 17.0100, 0.0980

Protanopia

204.6820, 9.5830, -2.9690

Deuteranopia

206.7270, 22.8780, 3.8860



Tritanopia

207.1960, 11.5520, 10.9120

Trichromacy



Original Color

205.6830, 17.0100, 0.0980

Protanomaly

205.1770, 12.5630, -1.9090

Deuteranomaly

206.4170, 20.8150, 2.7270

Tritanomaly

206.4580, 13.5700, 7.3780

Monochromacy



Original Color

205.6830, 17.0100, 0.0980

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.8220, 6.3730, 0.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.6830, 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(222, 201, 187)` looks like.

```
.text, #text, p{  
    color:rgb(222, 201, 187)  
}
```

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(222, 201, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 201, 187) }
```

Border

The CSS property to change the border of an element to YIQ 205.6830, 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(222, 201, 187) }
```


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

```
.border{ border-color:rgb(222, 201, 187) }
```

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

Here you see how a box with a 4 pixel rgb(222, 201, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 201, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 201, 187);  
box-shadow:4px 4px 4px 4px rgb(222, 201,  
187) }
```

Background

The CSS property to change the background color of an element to YIQ 205.6830, 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(222, 201, 187) }
```

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

```
.background{ background-color: rgb(222,  
201, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor