

Converting Colors

YIQ(233.6830, 17.0100, 0.0980)

Have a look what the booklet for
YIQ(233.6830, 17.0100, 0.0980)
contains.

YIQ(233.6830, 17.0100, 0.0980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(233.6830, 17.0100,
0.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	FAE5D7
RGB	250, 229, 215
RGB Percent	98%, 90%, 84%
CMY	0.0196, 0.1020, 0.1568
CMYK	0.00, 0.08, 0.14, 0.02
HSL	24°, 78%, 91%
HSV	24°, 14%, 98%
XYZ	79.7133, 81.2670, 75.7882
YIQ	233.6830, 17.0100, 0.0980

Conversions

Conversions Part 2

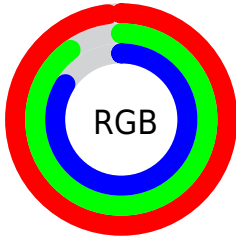
Format	Color
R _Y B	250, 238, 215
Decimal	16442839
CIE Lab	92.25, 4.92, 9.39
CIE LCh	92, 10.605, 62.332
Yxy	81.2670, 0.3367, 0.3432
Android (android.graphics.Color)	4294632919 (0xFFFAE5D7)
YUV	233.6830, -9.2107, 14.3100
Hunter-Lab	90.1482, 0.0788, 13.2582

Details

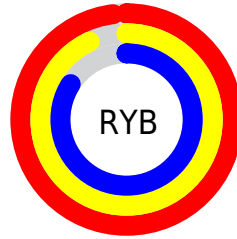
The YIQ color $233.6830, 17.0100, 0.0980$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.3170, -17.0100, -0.0980$, and the grayscale version is $234.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $178.0850, 15.8180, -0.3260$ is the 20% darker color. If you saturate the color by 10%, you get $222.0280, 29.1600, 0.1680$, and if you desaturate by 10%, it is $245.3380, 4.8600, 0.0280$.

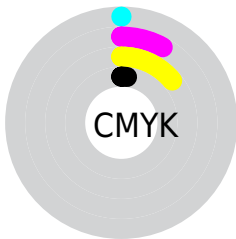
Distribution



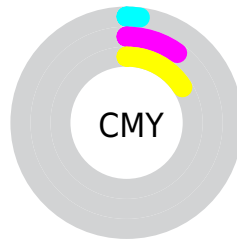
- Red (98%)
- Green (90%)
- Blue (84%)



- Red (98%)
- Yellow (93%)
- Blue (84%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (2%)



- Cyan (2%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.6830, 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 233.6830, 17.0100, 0.0980 by changing the saturation by 10% instead.

233.6830, 17.0100,
0.0980

233.6830, 17.0100,
0.0980

255.0000, -0.0000,
-0.0000

205.3840, 16.4140,
-0.1140

178.0850, 15.8180,
-0.3260

151.1990, 15.4970,
-0.0150

125.0140, 14.5800,
0.0840

100.1280, 14.2590,
0.3950

76.4160, 13.3880,
-0.3400

53.3450, 12.1500,

0.0700

■ 32.0460, 11.5540,
-0.1420

■ 8.6270, 11.4160,
2.3600

■ 233.6830, 17.0100,
0.0980

■ 233.6830, 17.0100,
0.0980

■ 222.0280, 29.1600,
0.1680

■ 245.3380, 4.8600,
0.0280

■ 210.3730, 41.3100,
0.2380

■ 253.5050, -2.9800,
-1.0600

■ 198.7180, 53.4600,
0.3080

■ 187.0630, 65.6100,
0.3780

■ 175.4080, 77.7600,
0.4480

■ 163.7530, 89.9100,
0.5180

■ 152.0980,
102.0600, 0.5880

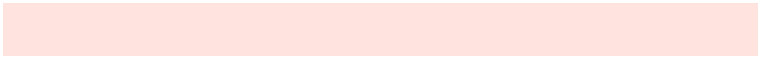
■ 140.4430,
114.2100, 0.6580

■ 133.4500,
121.5000, 0.7000

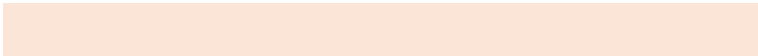
Harmonies

Analogous

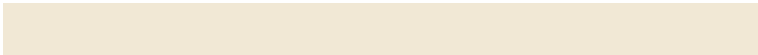
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



234.8020, 18.2930, 4.3810



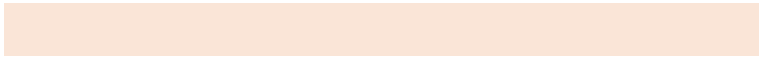
233.6830, 17.0100, 0.0980



232.5250, 11.4630, -4.0010

Triad

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



233.6830, 17.0100, 0.0980



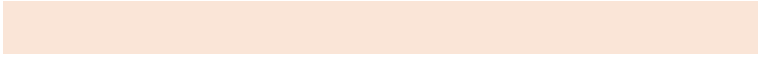
229.6450, -15.3580, -8.0140



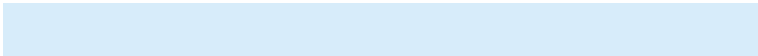
234.0740, -2.8440, 7.4920

Complementary

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



233.6830, 17.0100, 0.0980



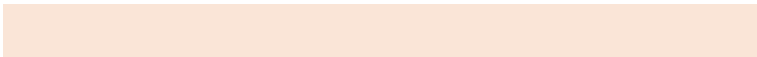
231.3170, -17.0100, -0.0980

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.



232.2900, -12.3800, 4.1000



233.6830, 17.0100, 0.0980



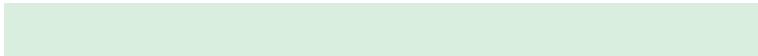
229.6000, -19.4850, -4.8050

Square

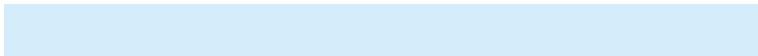
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



233.6830, 17.0100, 0.0980



230.3100, -7.1050, -8.9050



230.7190, -18.2020, -0.5220



234.6900, 7.1050, 8.9050

Rectangle

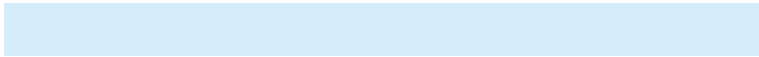
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



233.6830, 17.0100, 0.0980



231.4210, 5.8240, -6.4320



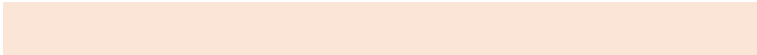
230.7190, -18.2020, -0.5220



233.5790, -5.8240, 6.4320

Sweetspot

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



233.6830, 17.0100, 0.0980



250.3380, 4.8600, 0.0280



227.9730, 13.7980, 14.2620



124.8540, 3.3470, -0.0850



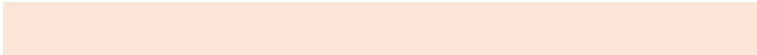
0.0000, 0.0000, 0.0000



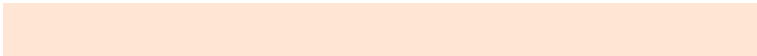
128.0000, -0.0000, -0.0000

Same Dimension

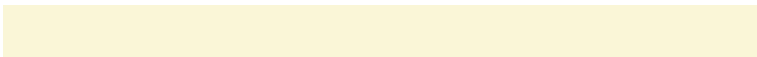
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.6830, 17.0100, 0.0980



234.8360, 20.9530, 0.2250



243.6620, 12.3350, -8.7930



118.8220, 6.3730, 0.1410



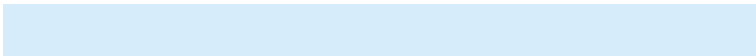
100.5360, 92.0190, 0.8430



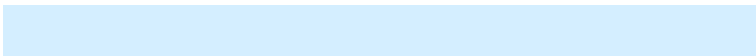
32.3270, 29.7560, 0.3800

Inverse Universe

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



231.3170, -17.0100, -0.0980



232.1640, -20.9530, -0.2250



221.3380, -12.3350, 8.7930



118.1780, -6.3730, -0.1410



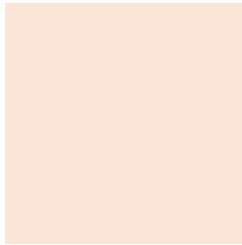
87.8770, -91.7440, -0.3200



28.6730, -29.7560, -0.3800

Previews

White Background



This preview shows how the YIQ color 233.6830, 17.0100, 0.0980 looks on a white background.

Color Contrast Check

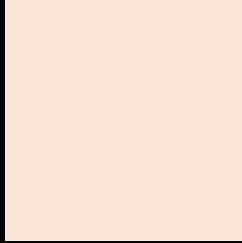
Large Text (above 18pt) WCAG AA × Fail

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 233.6830, 17.0100, 0.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

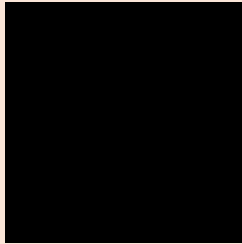
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

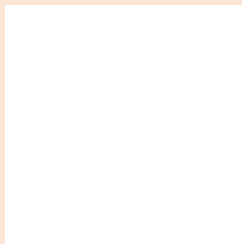
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 233.6830, 17.0100, 0.0980

Background



This preview shows how black text looks on a background with the YIQ color 233.6830, 17.0100, 0.0980.



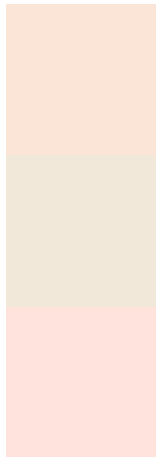
This preview shows how white text looks on a background with the YIQ color 233.6830, 17.0100,

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

233.6830, 17.0100, 0.0980

Protanopia

232.9810, 10.1790, -2.7570

Deuteranopia

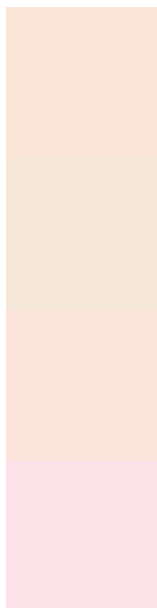
234.5740, 18.9350, 3.7590



Tritanopia

235.7230, 11.5060, 11.7460

Trichromacy



Original Color

233.6830, 17.0100, 0.0980

Protanomaly

233.1770, 12.5630, -1.9090

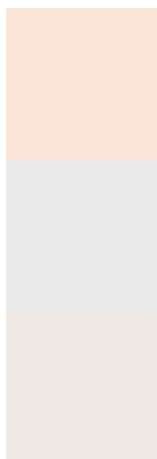
Deuteranomaly

234.3350, 18.1100, 2.1900

Tritanomaly

234.8710, 13.8450, 7.9010

Monochromacy



Original Color

233.6830, 17.0100, 0.0980

Achromatopsia

234.0000, -0.0000, 0.0000

Achromatomaly

233.8220, 6.3730, 0.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.6830, 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(250, 229, 215)` looks like.

```
.text, #text, p{  
    color:rgb(250, 229, 215)  
}
```

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(250, 229, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 229, 215) }
```

Border

The CSS property to change the border of an element to YIQ 233.6830, 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(250, 229, 215) }
```


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

```
.border{ border-color:rgb(250, 229, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 229, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 229, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 229, 215);  
box-shadow:4px 4px 4px 4px rgb(250, 229,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 233.6830, 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(250, 229, 215) }
```

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

```
.background{ background-color: rgb(250,  
229, 215) }
```

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