

Converting Colors

YIQ(217.5980, 18.3870, -8.3410)

Have a look what the booklet for
YIQ(217.5980, 18.3870, -8.3410)
contains.

YIQ(217.5980, 18.3870, -8.3410)	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(217.5980, 18.3870,
-8.3410)**

Conversions

Conversions Part 1

Format	Color
Hex	E6DAB7
RGB	230, 218, 183
RGB Percent	90%, 85%, 72%
CMY	0.0980, 0.1451, 0.2822
CMYK	0.00, 0.05, 0.20, 0.10
HSL	45°, 48%, 81%
HSV	45°, 20%, 90%
XYZ	66.2537, 70.3834, 54.9071
YIQ	217.5980, 18.3870, -8.3410

Conversions

Conversions Part 2

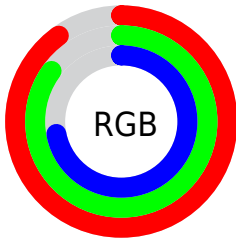
Format	Color
R_{YB}	199, 230, 183
Decimal	15129271
CIE _{Lab}	87.18, -1.43, 18.71
CIE _{LCh}	87, 18.768, 94.373
Yxy	70.3834, 0.3459, 0.3675
Android (android.graphics.Color)	4293319351 (0xFFE6DAB7)
YUV	217.5980, -17.0568, 10.8766
Hunter-Lab	83.8948, -5.8504, 19.9225

Details

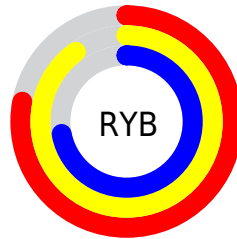
The YIQ color **217.5980, 18.3870, -8.3410** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **195.4020, -18.3870, 8.3410**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **253.1760, 5.1360, -4.9760**, and **162.5270, 17.1490, -7.9310** is the 20% darker color. If you saturate the color by 10%, you get **211.4540, 27.4200, -12.3560**, and if you desaturate by 10%, it is **223.7420, 9.3540, -4.3260**.

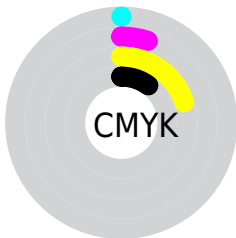
Distribution



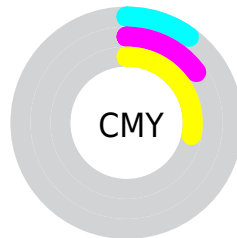
- Red (90%)
- Green (85%)
- Blue (72%)



- Red (78%)
- Yellow (90%)
- Blue (72%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.5980, 18.3870, -8.3410 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 217.5980, 18.3870, -8.3410 by changing the saturation by 10% instead.

■ 217.5980, 18.3870,
-8.3410

■ 217.5980, 18.3870,
-8.3410

255.0000, -0.0000,
-0.0000

■ 189.7120, 18.0660,
-8.0300

■ 253.1760, 5.1360,
-4.9760

■ 162.5270, 17.1490,
-7.9310

■ 136.3420, 16.2320,
-7.8320

■ 111.0430, 15.6360,
-8.0440

■ 86.2710, 14.9940,
-7.4220

■ 63.0860, 14.0770,
-7.3230

■ 40.9010, 13.1600,

-7.2240

■ 20.9870, 10.0420,
-5.7820

■ 0.0000, 0.0000,
0.0000

■ 217.5980, 18.3870,
-8.3410

■ 217.5980, 18.3870,
-8.3410

■ 211.4540, 27.4200,
-12.3560

■ 223.7420, 9.3540,
-4.3260

■ 205.3100, 36.4530,
-16.3710

■ 229.8860, 0.3210,
-0.3110

■ 199.1660, 45.4860,
-20.3860

■ 236.0300, -8.7120,
3.7040

■ 193.0220, 54.5190,
-24.4010

■ 239.8940,
-11.3250, 1.4990

■ 187.4650, 63.2770,
-28.9390

■ 242.8290,
-12.7000, -1.1160

■ 181.3210, 72.3100,
-32.9540

■ 246.3510,
-14.3500, -4.2540

■ 175.1770, 81.3430,
-36.9690

■ 247.5250,
-14.9000, -5.3000

■ 169.1470, 90.0550,
-40.6730

Harmonies

Analogous

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



219.3160, 28.2890, -0.5670



217.5980, 18.3870, -8.3410



215.2370, 3.1660, -13.3300

Triad

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



217.5980, 18.3870, -8.3410



212.3960, -36.5860, -8.7620



221.7280, 13.1100, 15.7180

Complementary

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



217.5980, 18.3870, -8.3410



195.4020, -18.3870, 8.3410

Split Complementary

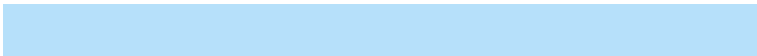
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



220.5780, -4.0830, 13.4290



217.5980, 18.3870, -8.3410



214.4060, -33.3780, -0.8180

Square

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



217.5980, 18.3870, -8.3410



212.1270, -28.6990, -14.0350



217.9070, -21.3670, 7.2810



221.7910, 25.9940, 13.4980

Rectangle

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



217.5980, 18.3870, -8.3410



213.7240, -8.5710, -15.3790



217.9070, -21.3670, 7.2810



221.9770, 7.9750, 15.1670

Sweetspot

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



217.5980, 18.3870, -8.3410



250.9420, 5.9150, -2.5730



198.5350, 23.8390, 14.0070



125.2130, 3.7140, -1.2300



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.



217.5980, 18.3870, -8.3410



238.3120, 24.9440, -11.5360



221.3530, 8.5310, -16.9490



111.8710, 4.6770, -2.1630



131.5920, 70.1090, -31.6110



37.5550, 19.9460, -9.0620

Inverse Universe

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



195.4020, -18.3870, 8.3410



208.2750, -25.2190, 11.0130



191.6470, -8.5310, 16.9490



106.1290, -4.6770, 2.1630



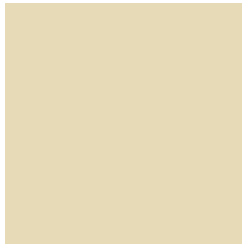
47.4080, -70.1090, 31.6110



13.4450, -19.9460, 9.0620

Previews

White Background



This preview shows how the YIQ color 217.5980, 18.3870, -8.3410 looks on a white background.

Color Contrast Check

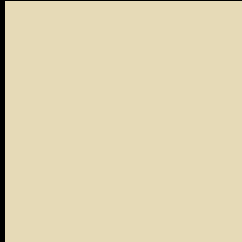
Large Text (above 18pt) WCAG AA × Fail

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 217.5980, 18.3870, -8.3410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

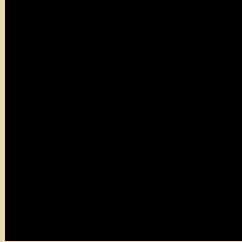
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.5980, 18.3870, -8.3410

Background



This preview shows how black text looks on a background with the YIQ color 217.5980, 18.3870, -8.3410.



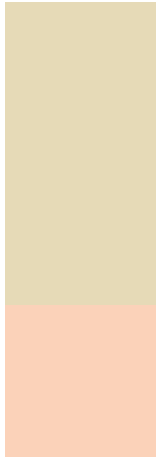
This preview shows how white text looks on a background with the YIQ color 217.5980, 18.3870, -8.3410.

-8.3410.

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

217.5980, 18.3870, -8.3410

Protanopia

217.5980, 18.3870, -8.3410

Deuteranopia

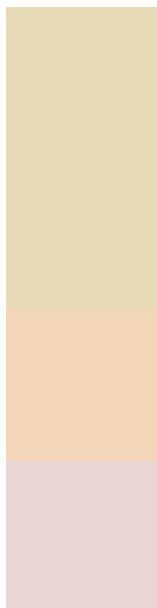
219.4090, 32.4610, 0.9170



Tritanopia

221.0000, 9.1680, 10.0640

Trichromacy



Original Color

217.5980, 18.3870, -8.3410

Protanomaly

217.5980, 18.3870, -8.3410

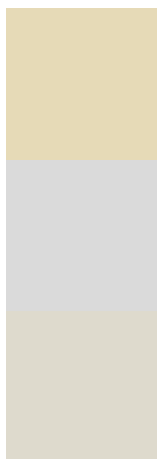
Deuteranomaly

218.6640, 27.1890, -2.6590

Tritanomaly

219.7520, 12.5620, 3.6180

Monochromacy



Original Color

217.5980, 18.3870, -8.3410

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.7140, 6.5570, -3.1950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.5980, 18.3870, -8.3410 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(230, 218, 183)` looks like.

```
.text, #text, p{  
    color:rgb(230, 218, 183)  
}
```

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(230, 218, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 218, 183) }
```

Border

The CSS property to change the border of an element to YIQ 217.5980, 18.3870, -8.3410 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(230, 218, 183) }
```


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

```
.border{ border-color:rgb(230, 218, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 218, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 218, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 218, 183);  
box-shadow:4px 4px 4px 4px rgb(230, 218,  
183) }
```

Background

The CSS property to change the background color of an element to YIQ 217.5980, 18.3870, -8.3410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 218, 183) }
```

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

```
.background{ background-color: rgb(230,  
218, 183) }
```

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