

Converting Colors

YIQ(205.2830, 23.8880, -3.4080)

Have a look what the booklet for
YIQ(205.2830, 23.8880, -3.4080)
contains.

YIQ(205.2830, 23.8880, -3.4080)	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(205.2830, 23.8880,
-3.4080)**

Conversions

Conversions Part 1

Format	Color
Hex	E2C9AD
RGB	226, 201, 173
RGB Percent	89%, 79%, 68%
CMY	0.1137, 0.2118, 0.3214
CMYK	0.00, 0.11, 0.23, 0.11
HSL	32°, 48%, 78%
HSV	32°, 23%, 89%
XYZ	59.7973, 60.9571, 48.1645
YIQ	205.2830, 23.8880, -3.4080

Conversions

Conversions Part 2

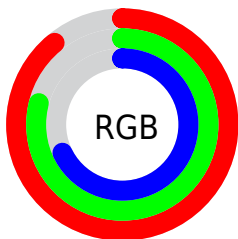
Format	Color
R_{YB}	220, 226, 173
Decimal	14862765
CIE _{Lab}	82.36, 4.49, 17.19
CIE _{LCh}	82, 17.766, 75.370
Yxy	60.9571, 0.3540, 0.3609
Android (android.graphics.Color)	4293052845 (0xFFE2C9AD)
YUV	205.2830, -15.9155, 18.1688
Hunter-Lab	78.0750, 0.0809, 18.0765

Details

The YIQ color $205.2830, 23.8880, -3.4080$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $193.7170, -23.8880, 3.4080$, and the grayscale version is $205.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $251.9220, 8.6670, -8.3970$, and $150.9130, 22.0540, -3.2100$ is the 20% darker color. If you saturate the color by 10%, you get $196.2040, 34.2960, -4.8080$, and if you desaturate by 10%, it is $214.3620, 13.4800, -2.0080$.

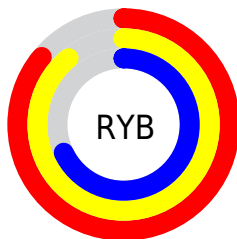
Distribution



Red (89%)

Green (79%)

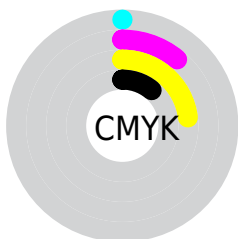
Blue (68%)



Red (86%)

Yellow (89%)

Blue (68%)

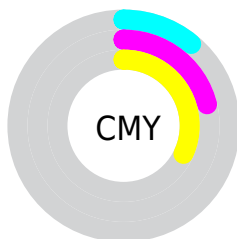


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (11%)



Cyan (11%)


Magenta (21%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 205.2830, 23.8880, -3.4080 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 205.2830, 23.8880, -3.4080 by changing the saturation by 10% instead.


 205.2830, 23.8880,
-3.4080


 205.2830, 23.8880,
-3.4080


255.0000, -0.0000,
-0.0000


 177.9840, 23.2920,
-3.6200


 252.0360, 8.3460,
-8.0860

 150.9130, 22.0540,
-3.2100

 124.7280, 21.1370,
-3.1110

 100.1300, 19.9450,
-3.5350

 75.9450, 19.0280,
-3.4360

 52.8740, 17.7900,
-3.0260

 30.8200, 17.8820,

-4.6940

■ 9.2140, 11.1410,
1.8370

■ 0.0000, 0.0000,
0.0000

■ 205.2830, 23.8880,
-3.4080

■ 205.2830, 23.8880,
-3.4080

■ 196.2040, 34.2960,
-4.8080

■ 214.3620, 13.4800,
-2.0080

■ 187.8260, 44.1080,
-6.4200

■ 222.7400, 3.6680,
-0.3960

■ 178.7470, 54.5160,
-7.8200

■ 231.8190, -6.7400,
1.0040

■ 169.7820, 64.6030,
-8.9090

■ 239.8720,
-14.2590, -0.3950

■ 161.2900, 74.7360,
-10.8320

■ 245.7420,
-17.0090, -5.6250

■ 152.2110, 85.1440,
-12.2320

■ 246.3290,
-17.2840, -6.1480

■ 143.2460, 95.2310,
-13.3210

■ 137.4270,
101.9710, -14.3250

Harmonies

Analogous

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



206.6630, 28.9300, 4.3380



205.2830, 23.8880, -3.4080



203.7220, 12.1060, -10.1500

Triad

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



205.2830, 23.8880, -3.4080



198.9250, -30.9460, -11.8580



207.4000, 2.2900, 13.5700

Complementary

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



205.2830, 23.8880, -3.4080



193.7170, -23.8880, 3.4080

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.



205.3810, -13.8940, 9.5140



205.2830, 23.8880, -3.4080



200.0590, -34.0190, -5.7230

Square

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



205.2830, 23.8880, -3.4080



199.6890, -18.6580, -14.2900



202.6240, -28.0600, 1.9240



208.2400, 17.4200, 14.7000

Rectangle

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



205.2830, 23.8880, -3.4080



202.0520, 2.2490, -13.2310



202.6240, -28.0600, 1.9240



207.2360, -3.1200, 12.4960

Sweetspot

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



205.2830, 23.8880, -3.4080



248.2520, 7.9780, -1.4140



191.8110, 23.2420, 19.3220



123.8110, 4.9060, -0.8060



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.



205.2830, 23.8880, -3.4080



226.9480, 32.1410, -4.2990



219.6590, 16.4170, -16.6950



107.8110, 4.9060, -0.8060



107.2150, 79.3210, -11.3270



29.6140, 21.4580, -3.4220

Inverse Universe

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



193.7170, -23.8880, 3.4080



211.4650, -31.8660, 4.8220



179.3410, -16.4170, 16.6950



105.1890, -4.9060, 0.8060



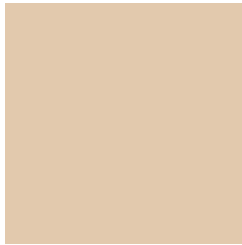
68.7850, -79.3210, 11.3270



18.9730, -21.7330, 2.8990

Previews

White Background



This preview shows how the YIQ color 205.2830, 23.8880, -3.4080 looks on a white background.

Color Contrast Check

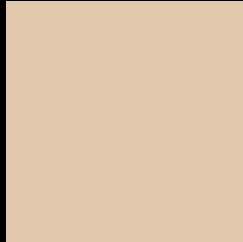
Large Text (above 18pt) WCAG AA × Fail

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 205.2830, 23.8880, -3.4080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

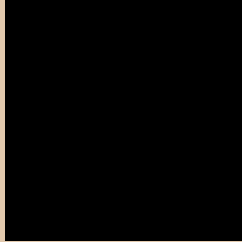
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 205.2830, 23.8880, -3.4080

Background



This preview shows how black text looks on a background with the YIQ color 205.2830, 23.8880, -3.4080.



This preview shows how white text looks on a background with the YIQ color 205.2830, 23.8880,

-3.4080.

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

205.2830, 23.8880, -3.4080

Protanopia

204.2820, 16.4610, -6.4750

Deuteranopia

206.0390, 30.6270, 1.1150



Tritanopia

208.1750, 16.0450, 12.0850

Trichromacy



Original Color

205.2830, 23.8880, -3.4080

Protanomaly

204.7770, 19.4410, -5.4150

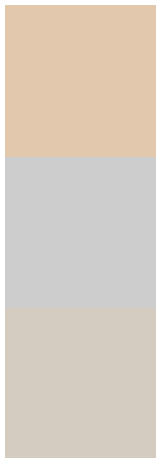
Deuteranomaly

205.4300, 27.9680, -0.2560

Tritanomaly

207.1550, 18.7970, 6.2610

Monochromacy



Original Color

205.2830, 23.8880, -3.4080

Achromatopsia

205.0000, -0.0000, 0.0000

Achromatomaly

205.4370, 8.8950, -1.5130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 205.2830, 23.8880, -3.4080 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(226, 201, 173)` looks like.

```
.text, #text, p{  
    color:rgb(226, 201, 173)  
}
```

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(226, 201, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 201, 173) }
```

Border

The CSS property to change the border of an element to YIQ 205.2830, 23.8880, -3.4080 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(226, 201, 173) }
```


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

```
.border{ border-color:rgb(226, 201, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 201, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 201, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 201, 173);  
box-shadow:4px 4px 4px 4px rgb(226, 201,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 205.2830, 23.8880, -3.4080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 201, 173) }
```

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

```
.background{ background-color: rgb(226,  
201, 173) }
```

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