

Converting Colors

YIQ(183.9880, 43.8320, -1.4160)

Have a look what the booklet for
YIQ(183.9880, 43.8320, -1.4160)
contains.

YIQ(183.9880, 43.8320, -1.4160)	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(183.9880, 43.8320,
-1.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	E1AD85
RGB	225, 173, 133
RGB Percent	88%, 68%, 52%
CMY	0.1175, 0.3216, 0.4782
CMYK	0.00, 0.23, 0.41, 0.12
HSL	26°, 61%, 70%
HSV	26°, 41%, 88%
XYZ	50.2358, 47.5852, 28.7464
YIQ	183.9880, 43.8320, -1.4160

Conversions

Conversions Part 2

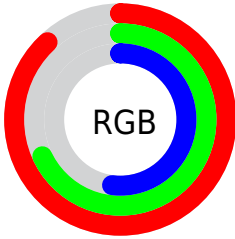
Format	Color
R _Y B	225, 204, 133
Decimal	14790021
CIE Lab	74.56, 13.90, 27.84
CIE LCh	75, 31.119, 63.459
Yxy	47.5852, 0.3969, 0.3760
Android (android.graphics.Color)	4292980101 (0xFFE1AD85)
YUV	183.9880, -25.1371, 35.9675
Hunter-Lab	68.9820, 9.2731, 23.5799

Details

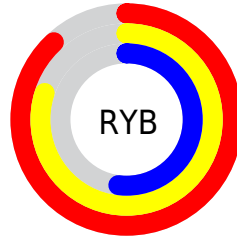
The YIQ color **183.9880, 43.8320, -1.4160** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **174.0120, -43.8320, 1.4160**, and the grayscale version is **184.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **231.2850, 29.5740, -7.3380**, and **130.7210, 40.2100, -1.8540** is the 20% darker color. If you saturate the color by 10%, you get **173.8490, 54.4690, -1.4590**, and if you desaturate by 10%, it is **194.2410, 32.8740, -1.0620**.

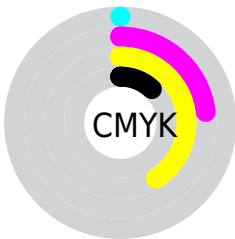
Distribution



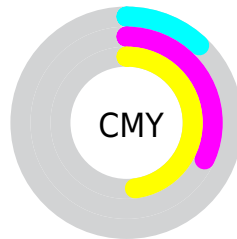
- Red (88%)
- Green (68%)
- Blue (52%)



- Red (88%)
- Yellow (80%)
- Blue (52%)



- Cyan (0%)
- Magenta (23%)
- Yellow (41%)
- Black (12%)





- Cyan (12%)
- Magenta (32%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 183.9880, 43.8320, -1.4160 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 183.9880, 43.8320, -1.4160 by changing the saturation by 10% instead.


 183.9880, 43.8320,
-1.4160


 183.9880, 43.8320,
-1.4160


255.0000, -0.0000,
-0.0000


 156.6180, 41.9980,
-1.2180


 231.2850, 29.5740,
-7.3380


 130.7210, 40.2100,
-1.8540


 250.3260, 13.1610,
-12.7510

 104.9380, 38.1010,
-2.1790

 253.6320, 3.8520,
-3.7320

 80.2690, 35.6710,
-2.1930

 56.4860, 33.5620,
-2.5180

 34.9740, 29.2520,
-1.5000

 13.9980, 20.6770,

5.2290

■ 0.0000, 0.0000,
0.0000

■ 183.9880, 43.8320,
-1.4160

■ 183.9880, 43.8320,
-1.4160

■ 173.8490, 54.4690,
-1.4590

■ 194.2410, 32.8740,
-1.0620

■ 164.1830, 65.1520,
-2.3360

■ 203.7930, 22.5120,
-0.4960

■ 154.0440, 75.7890,
-2.3790

■ 214.0460, 11.5540,
-0.1420

■ 143.7910, 86.7470,
-2.7330

■ 224.1850, 0.9170,
-0.0990

■ 133.6520, 97.3840,
-2.7760

■ 234.4380,
-10.0410, 0.2550

■ 124.8010,
107.1500, -3.5540

■ 242.5080,
-16.2300, -3.2220

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



185.7580, 47.9560, 11.9560



183.9880, 43.8320, -1.4160



181.5850, 28.4290, -14.1230

Triad

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



183.9880, 43.8320, -1.4160



169.7110, -51.2550, -23.7590



186.4670, -7.8440, 21.0200

Complementary

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



183.9880, 43.8320, -1.4160



174.0120, -43.8320, 1.4160

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.



181.1040, -37.9190, 9.8970



183.9880, 43.8320, -1.4160



168.1300, -68.3120, -17.4960

Square

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



183.9880, 43.8320, -1.4160



174.2010, -23.5160, -25.3720



173.1560, -62.0330, -4.6330



188.0590, 19.8480, 25.7680

Rectangle

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



183.9880, 43.8320, -1.4160



179.5830, 13.5750, -20.2570



173.1560, -62.0330, -4.6330



184.9110, -18.0220, 18.2500

Sweetspot

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



183.9880, 43.8320, -1.4160



241.4870, 14.6260, -0.7500



166.4360, 38.1400, 35.6760



119.4910, 8.8030, 0.1550



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.



183.9880, 43.8320, -1.4160



199.0730, 59.6500, -1.7420



210.9900, 31.1820, -25.4740



107.2240, 5.1810, -0.2830



97.2360, 83.9960, -2.4360



26.6790, 22.8330, -0.8070

Inverse Universe

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



174.0120, -43.8320, 1.4160



185.9270, -59.6500, 1.7420



147.0100, -31.1820, 25.4740



105.7760, -5.1810, 0.2830



78.7640, -83.9960, 2.4360



21.3210, -22.8330, 0.8070

Previews

White Background



This preview shows how the YIQ color 183.9880, 43.8320, -1.4160 looks on a white background.

Color Contrast Check

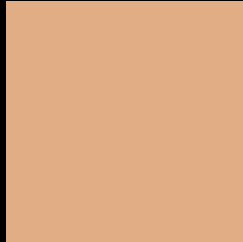
Large Text (above 18pt) WCAG AA × Fail

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 183.9880, 43.8320, -1.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

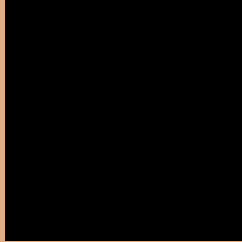
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 183.9880, 43.8320, -1.4160

Background



This preview shows how black text looks on a background with the YIQ color 183.9880, 43.8320, -1.4160.



This preview shows how white text looks on a background with the YIQ color 183.9880, 43.8320, -1.4160.

-1.4160.

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

183.9880, 43.8320, -1.4160

Protanopia

182.0560, 22.7890, -11.0270

Deuteranopia

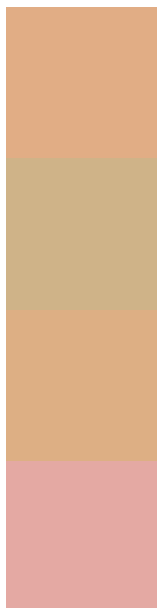
183.5420, 39.1560, -4.7800



Tritanopia

187.3190, 33.3750, 17.3990

Trichromacy



Original Color

183.9880, 43.8320, -1.4160

Protanomaly

182.4700, 30.4910, -7.4370

Deuteranomaly

183.8520, 41.2190, -3.6210

Tritanomaly

185.9570, 37.0900, 10.6420

Monochromacy



Original Color

183.9880, 43.8320, -1.4160

Achromatopsia

184.0000, 0.0000, -0.0000

Achromatomaly

183.9710, 16.1390, -0.6370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 183.9880, 43.8320, -1.4160 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(225, 173, 133)` looks like.

```
.text, #text, p{  
    color:rgb(225, 173, 133)  
}
```

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(225, 173, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 173, 133) }
```

Border

The CSS property to change the border of an element to YIQ 183.9880, 43.8320, -1.4160 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(225, 173, 133) }
```


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

```
.border{ border-color:rgb(225, 173, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 173, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 173, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 173, 133);  
box-shadow:4px 4px 4px 4px rgb(225, 173,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 183.9880, 43.8320, -1.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 173, 133) }
```

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

```
.background{ background-color: rgb(225,  
173, 133) }
```

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