

Converting Colors

YIQ(219.8650, 4.8140, 0.8620)

Have a look what the booklet for
YIQ(219.8650, 4.8140, 0.8620)
contains.

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Color

**YIQ(219.8650, 4.8140,
0.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	E1DAD8
RGB	225, 218, 216
RGB Percent	88%, 85%, 85%
CMY	0.1176, 0.1451, 0.1529
CMYK	0.00, 0.03, 0.04, 0.12
HSL	13°, 13%, 86%
HSV	13°, 4%, 88%
XYZ	68.5186, 71.1076, 75.0831
YIQ	219.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

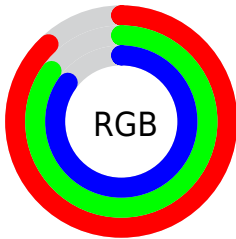
Format	Color
R _Y B	225, 219, 216
Decimal	14801624
CIE Lab	87.54, 2.04, 1.82
CIE LCh	88, 2.735, 41.644
Yxy	71.1076, 0.3191, 0.3312
Android (android.graphics.Color)	4292991704 (0xFFE1DAD8)
YUV	219.8650, -1.9054, 4.5034
Hunter-Lab	84.3253, -2.5291, 6.2360

Details

The YIQ color **219.8650, 4.8140, 0.8620** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **221.1350, -4.8140, -0.8620**, and the grayscale version is **220.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **164.8650, 4.8140, 0.8620** is the 20% darker color. If you saturate the color by 10%, you get **206.7910, 16.8260, 3.4340**, and if you desaturate by 10%, it is **233.0530, -7.5190, -1.3990**.

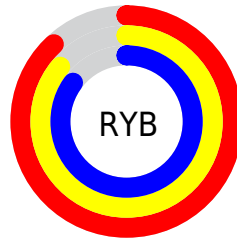
Distribution



Red (88%)

Green (85%)

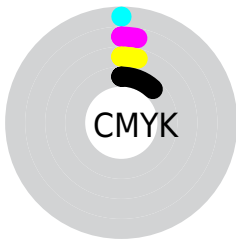
Blue (85%)



Red (88%)

Yellow (86%)

Blue (85%)

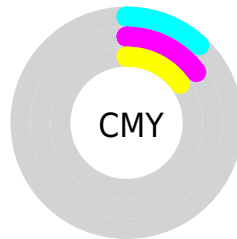


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (12%)



Cyan (12%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 219.8650, 4.8140, 0.8620 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 219.8650, 4.8140, 0.8620 by changing the saturation by 10% instead.

■ 219.8650, 4.8140,
0.8620

■ 219.8650, 4.8140,
0.8620

255.0000, -0.0000,
-0.0000

■ 191.8650, 4.8140,
0.8620

■ 164.8650, 4.8140,
0.8620

■ 138.5660, 4.2180,
0.6500

■ 113.5660, 4.2180,
0.6500

■ 88.5660, 4.2180,
0.6500

■ 65.2670, 3.6220,
0.4380

■ 43.2670, 3.6220,

0.4380

■ 22.9680, 3.0260,
0.2260

■ 0.0000, 0.0000,
0.0000

■ 219.8650, 4.8140,
0.8620

■ 219.8650, 4.8140,
0.8620

■ 206.7910, 16.8260,
3.4340

■ 233.0530, -7.5190,
-1.3990

■ 194.1900, 28.8840,
5.1720

■ 244.8560,
-17.3300, -5.3140

■ 181.1160, 40.8960,
7.7440

■ 246.0300,
-17.8800, -6.3600

■ 168.5150, 52.9540,
9.4820

■ 155.4410, 64.9660,
12.0540

■ 142.8400, 77.0240,
13.7920

■ 129.7660, 89.0360,
16.3640

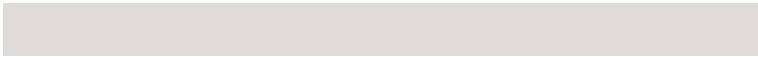
■ 117.1650,
101.0940, 18.1020

■ 104.0910,
113.1060, 20.6740

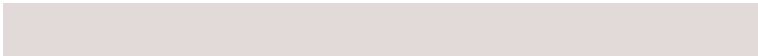
Harmonies

Analogous

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



220.0930, 4.1720, 1.4840



219.8650, 4.8140, 0.8620



219.7400, 3.6680, -0.3960

Triad

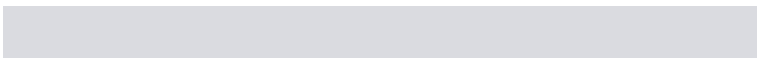
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



219.8650, 4.8140, 0.8620



218.8640, -2.6130, -2.2050



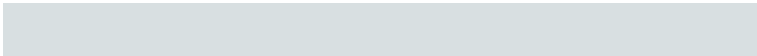
219.2710, -2.2010, 1.3430

Complementary

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



219.8650, 4.8140, 0.8620



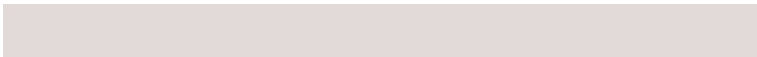
221.1350, -4.8140, -0.8620

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.



218.9610, -4.2640, 0.1840



219.8650, 4.8140, 0.8620



218.4940, -4.4470, -2.0070

Square

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



219.8650, 4.8140, 0.8620



218.8320, 0.4130, -1.9790



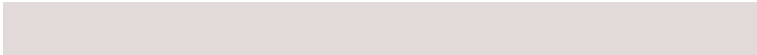
219.1350, -4.8140, -0.8620



219.4670, 0.1830, 2.1910

Rectangle

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



219.8650, 4.8140, 0.8620



219.3270, 3.3930, -0.9190



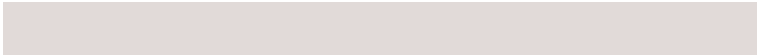
219.1350, -4.8140, -0.8620



219.5590, -3.0720, 0.6080

Sweetspot

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



219.8650, 4.8140, 0.8620



253.4840, 1.5130, 0.1130



219.4890, 3.1170, 4.0850



127.1850, 0.9170, -0.0990



0.0000, 0.0000, 0.0000



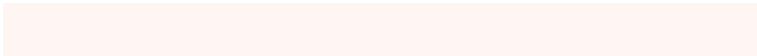
128.0000, -0.0000, -0.0000

Same Dimension

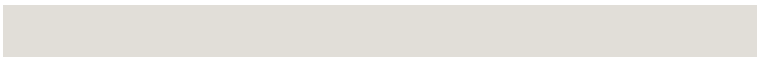
The Same Dimension uses a secret algorithm to generate beautiful new colors.



219.8650, 4.8140, 0.8620



247.6480, 6.9230, 1.1870



222.2130, 3.7140, -1.2300



108.2670, 3.6220, 0.4380



75.5170, 94.1710, 16.9150



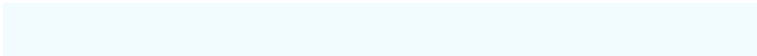
20.8090, 25.5830, 4.4230

Inverse Universe

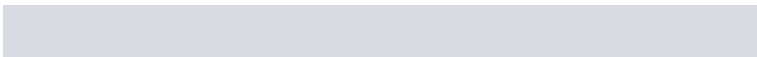
The Inverse Universe completely reimagines the original color for something new.



221.1350, -4.8140, -0.8620



249.3520, -6.9230, -1.1870



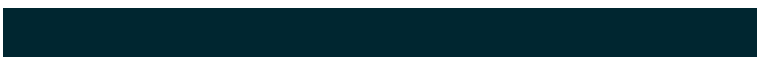
218.7870, -3.7140, 1.2300



109.3200, -3.8970, -0.9610



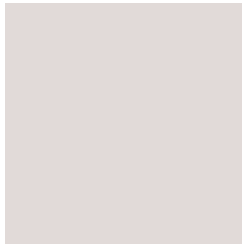
100.4830, -94.1710, -16.9150



27.7780, -25.8580, -4.9460

Previews

White Background



This preview shows how the YIQ color 219.8650, 4.8140, 0.8620 looks on a white background.

Color Contrast Check

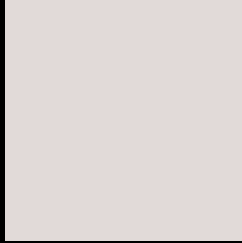
Large Text (above 18pt) WCAG AA × Fail

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 219.8650, 4.8140, 0.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

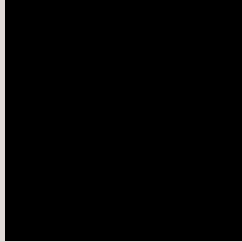
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

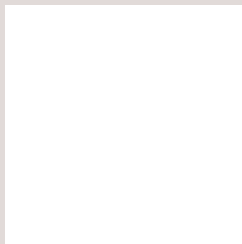
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 219.8650, 4.8140, 0.8620

Background



This preview shows how black text looks on a background with the YIQ color 219.8650, 4.8140, 0.8620.



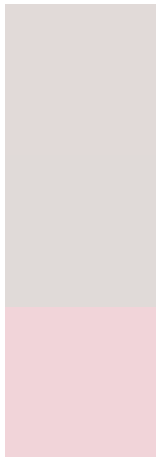
This preview shows how white text looks on a background with the YIQ color 219.8650, 4.8140,

0.8620.

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

219.8650, 4.8140, 0.8620

Protanopia

219.5660, 4.2180, 0.6500

Deuteranopia

221.2410, 15.6790, 7.7030



Tritanopia

220.5260, 1.6950, 7.8310

Trichromacy



Original Color

219.8650, 4.8140, 0.8620

Protanomaly

219.5660, 4.2180, 0.6500

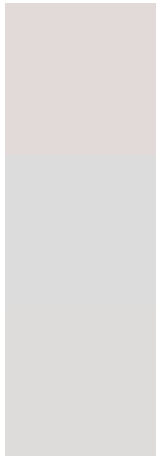
Deuteranomaly

220.6210, 11.5530, 5.3850

Tritanomaly

220.1300, 2.7500, 5.2300

Monochromacy



Original Color

219.8650, 4.8140, 0.8620

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.8970, 1.7880, 0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 219.8650, 4.8140, 0.8620 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, 218, 216)` looks like.

```
.text, #text, p{  
    color:rgb(225, 218, 216)  
}
```

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, 218, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 218, 216) }
```

Border

The CSS property to change the border of an element to YIQ 219.8650, 4.8140, 0.8620 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, 218, 216) }
```


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

```
.border{ border-color:rgb(225, 218, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 218, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 218, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 218, 216);  
box-shadow:4px 4px 4px 4px rgb(225, 218,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 219.8650, 4.8140, 0.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 218, 216) }
```

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

```
.background{ background-color: rgb(225,  
218, 216) }
```

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](#).

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