

Converting Colors

YIQ(218.9210, 10.4080, -1.4000)

Have a look what the booklet for
YIQ(218.9210, 10.4080, -1.4000)
contains.

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Color

**YIQ(218.9210, 10.4080,
-1.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D9CD
RGB	228, 217, 205
RGB Percent	89%, 85%, 80%
CMY	0.1059, 0.1490, 0.1960
CMYK	0.00, 0.05, 0.10, 0.11
HSL	31°, 30%, 85%
HSV	31°, 10%, 89%
XYZ	67.8291, 70.5265, 67.8038
YIQ	218.9210, 10.4080, -1.4000

Conversions

Conversions Part 2

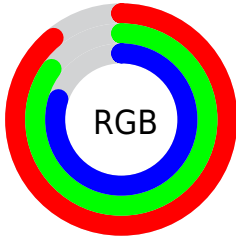
Format	Color
R _Y B	226, 228, 205
Decimal	14997965
CIE Lab	87.25, 1.75, 7.24
CIE LCh	87, 7.445, 76.371
Yxy	70.5265, 0.3290, 0.3421
Android (android.graphics.Color)	4293188045 (0xFFE4D9CD)
YUV	218.9210, -6.8631, 7.9623
Hunter-Lab	83.9800, -2.7940, 10.9165

Details

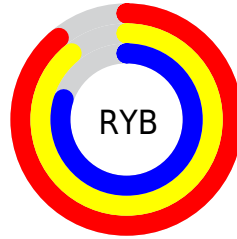
The YIQ color **218.9210, 10.4080, -1.4000** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **214.0790, -10.4080, 1.4000**, and the grayscale version is **219.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **164.0350, 10.0870, -1.0890** is the 20% darker color. If you saturate the color by 10%, you get **209.8420, 20.8160, -2.8000**, and if you desaturate by 10%, it is **228.0000, 0.0000, 0.0000**.

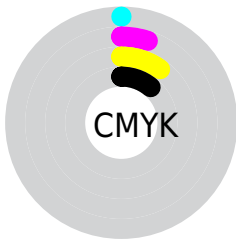
Distribution



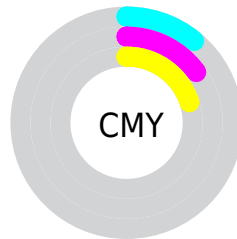
- Red (89%)
- Green (85%)
- Blue (80%)



- Red (89%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 218.9210, 10.4080, -1.4000 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 218.9210, 10.4080, -1.4000 by changing the saturation by 10% instead.

■ 218.9210, 10.4080,
-1.4000

■ 218.9210, 10.4080,
-1.4000

255.0000, -0.0000,
-0.0000

■ 191.0350, 10.0870,
-1.0890

■ 164.0350, 10.0870,
-1.0890

■ 137.7360, 9.4910,
-1.3010

■ 112.4370, 8.8950,
-1.5130

■ 87.5510, 8.5740,
-1.2020

■ 64.2520, 7.9780,
-1.4140

■ 42.3660, 7.6570,

-1.1030

■ 21.7250, 8.0240,
-2.2480

■ 0.0000, 0.0000,
0.0000

■ 218.9210, 10.4080,
-1.4000

■ 218.9210, 10.4080,
-1.4000

■ 209.8420, 20.8160,
-2.8000

■ 228.0000, 0.0000,
0.0000

■ 200.7630, 31.2240,
-4.2000

■ 237.0790,
-10.4080, 1.4000

■ 191.7980, 41.3110,
-5.2890

■ 243.9920,
-14.7170, -3.1090

■ 182.7190, 51.7190,
-6.6890

■ 246.9270,
-16.0920, -5.7240

■ 173.6400, 62.1270,
-8.0890

■ 165.1480, 72.2600,
-10.0120

■ 156.0690, 82.6680,
-11.4120

■ 147.1040, 92.7550,
-12.5010

■ 138.0250,
103.1630, -13.9010

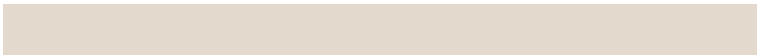
Harmonies

Analogous

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



219.6980, 12.6540, 1.9500



218.9210, 10.4080, -1.4000



217.7030, 5.0900, -4.1420

Triad

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



218.9210, 10.4080, -1.4000



216.6070, -12.1950, -4.7630



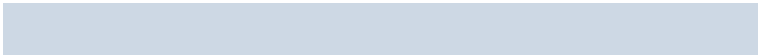
220.0590, 1.5120, 5.6400

Complementary

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



218.9210, 10.4080, -1.4000



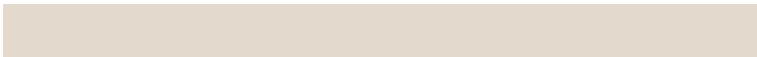
214.0790, -10.4080, 1.4000

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.



218.9980, -5.6860, 3.9300



218.9210, 10.4080, -1.4000



217.1170, -13.5710, -1.8510

Square

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



218.9210, 10.4080, -1.4000



216.7060, -8.1600, -6.3040



217.7800, -11.0040, 1.1880



219.9950, 7.5640, 6.0920

Rectangle

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



218.9210, 10.4080, -1.4000



217.6100, 0.9180, -5.6260



217.7800, -11.0040, 1.1880



219.3900, -0.9180, 5.6260

Sweetspot

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



218.9210, 10.4080, -1.4000



251.7400, 3.6680, -0.3960



213.1310, 10.1770, 8.2970



125.5550, 2.7510, -0.2970



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.



218.9210, 10.4080, -1.4000



242.6610, 14.0760, -1.7960



225.3780, 7.3830, -7.1530



110.1100, 5.5020, -0.5940



108.1120, 81.1090, -10.6910



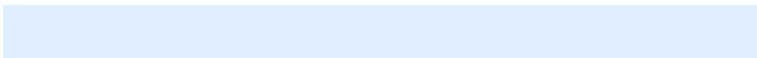
31.0980, 22.9710, -3.3090

Inverse Universe

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



214.0790, -10.4080, 1.4000



236.3390, -14.0760, 1.7960



207.6220, -7.3830, 7.1530



107.8900, -5.5020, 0.5940



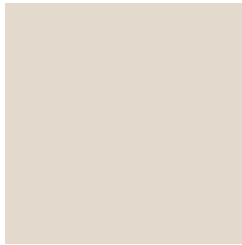
70.3010, -80.8340, 11.2140



19.9020, -22.9710, 3.3090

Previews

White Background



This preview shows how the YIQ color 218.9210, 10.4080, -1.4000 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 218.9210, 10.4080, -1.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

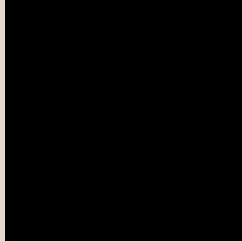
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 218.9210, 10.4080, -1.4000

Background



This preview shows how black text looks on a background with the YIQ color 218.9210, 10.4080, -1.4000.



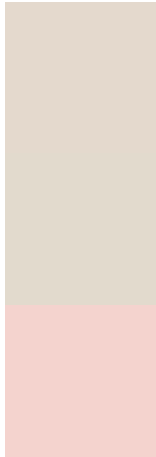
This preview shows how white text looks on a background with the YIQ color 218.9210, 10.4080, -1.4000.

-1.4000.

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

218.9210, 10.4080, -1.4000

Protanopia

218.9100, 8.9410, -2.3470

Deuteranopia

220.2970, 21.2730, 5.4410



Tritanopia

220.6190, 5.8670, 9.3150

Trichromacy



Original Color

218.9210, 10.4080, -1.4000

Protanomaly

219.2090, 9.5370, -2.1350

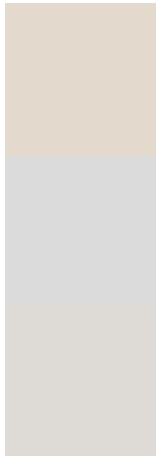
Deuteranomaly

219.6770, 17.1470, 3.1230

Tritanomaly

219.8810, 7.8850, 5.7810

Monochromacy



Original Color

218.9210, 10.4080, -1.4000

Achromatopsia

219.0000, 0.0000, -0.0000

Achromatomaly

218.7400, 3.6680, -0.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 218.9210, 10.4080, -1.4000 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(228, 217, 205)` looks like.

```
.text, #text, p{  
    color:rgb(228, 217, 205)  
}
```

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(228, 217, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 217, 205) }
```

Border

The CSS property to change the border of an element to YIQ 218.9210, 10.4080, -1.4000 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(228, 217, 205) }
```


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

```
.border{ border-color:rgb(228, 217, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 217, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 217, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 217, 205);  
box-shadow:4px 4px 4px 4px rgb(228, 217,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 218.9210, 10.4080, -1.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 217, 205) }
```

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

```
.background{ background-color: rgb(228,  
217, 205) }
```

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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