

Converting Colors

YIQ(216.8810, 7.8850, 5.7810)

Have a look what the booklet for
YIQ(216.8810, 7.8850, 5.7810)
contains.

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Color

**YIQ(216.8810, 7.8850,
5.7810)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D3DA
RGB	228, 211, 218
RGB Percent	89%, 83%, 85%
CMY	0.1058, 0.1726, 0.1451
CMYK	0.00, 0.07, 0.04, 0.11
HSL	335°, 24%, 86%
HSV	335°, 7%, 89%
XYZ	67.9468, 68.1431, 75.9060
YIQ	216.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

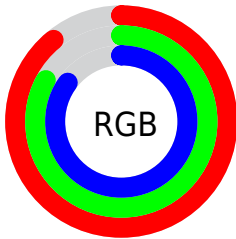
Format	Color
R _Y B	228, 211, 218
Decimal	14996442
CIE Lab	86.08, 7.08, -1.34
CIE LCh	86, 7.209, 349.276
Yxy	68.1431, 0.3205, 0.3214
Android (android.graphics.Color)	4293186522 (0xFFE4D3DA)
YUV	216.8810, 0.5517, 9.7514
Hunter-Lab	82.5489, 2.4646, 3.2654

Details

The YIQ color **216.8810, 7.8850, 5.7810** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **222.1190, -7.8850, -5.7810**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **161.8810, 7.8850, 5.7810** is the 20% darker color. If you saturate the color by 10%, you get **201.8980, 18.3830, 13.7670**, and if you desaturate by 10%, it is **231.8640, -2.6130, -2.2050**.

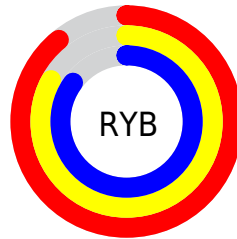
Distribution



Red (89%)

Green (83%)

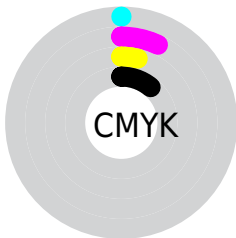
Blue (85%)



Red (89%)

Yellow (83%)

Blue (85%)

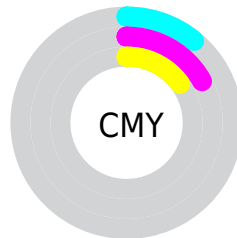


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (11%)



Cyan (11%)

Magenta (17%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.8810, 7.8850, 5.7810 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 216.8810, 7.8850, 5.7810 by changing the saturation by 10% instead.

■ 216.8810, 7.8850,
5.7810

■ 216.8810, 7.8850,
5.7810

255.0000, -0.0000,
-0.0000

■ 188.8810, 7.8850,
5.7810

■ 161.8810, 7.8850,
5.7810

■ 135.5820, 7.2890,
5.5690

■ 110.2830, 6.6930,
5.3570

■ 85.8700, 6.4180,
4.8340

■ 62.8700, 6.4180,
4.8340

■ 41.1580, 5.5470,

4.0990

■ 20.2720, 5.2260,
4.4100

■ 0.0000, 0.0000,
0.0000

■ 216.8810, 7.8850,
5.7810

■ 216.8810, 7.8850,
5.7810

■ 201.8980, 18.3830,
13.7670

■ 231.8640, -2.6130,
-2.2050

■ 186.8010, 29.2020,
21.4420

■ 245.7870,
-12.8820, -8.8340

■ 172.4050, 39.4250,
28.9050

■ 246.9270,
-16.0920, -5.7240

■ 157.3080, 50.2440,
36.5800

■ 142.3250, 60.7420,
44.5660

■ 127.3420, 71.2400,
52.5520

■ 112.2450, 82.0590,
60.2270

■ 97.8490, 92.2820,
67.6900

■ 82.7520, 103.1010,
75.3650

Harmonies

Analogous

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



216.3580, 2.1080, 5.8520



216.8810, 7.8850, 5.7810



216.6810, 11.3240, 4.0280

Triad

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



216.8810, 7.8850, 5.7810



214.4040, 4.4940, -4.3540



213.4160, -12.9750, -1.6390

Complementary

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



216.8810, 7.8850, 5.7810



222.1190, -7.8850, -5.7810

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.



213.0200, -11.9200, -4.2400



216.8810, 7.8850, 5.7810



213.6420, -2.1080, -5.8520

Square

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



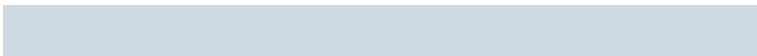
216.8810, 7.8850, 5.7810



215.6220, 9.8120, -1.6120



213.1190, -7.8850, -5.7810



214.9650, -10.0870, 1.0890

Rectangle

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



216.8810, 7.8850, 5.7810



216.8120, 12.3330, 2.2610



213.1190, -7.8850, -5.7810



213.5900, -13.5250, -2.6850

Sweetspot

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



216.8810, 7.8850, 5.7810



251.7230, 2.3380, 1.6820



215.9280, 0.5030, 7.4070



126.0110, 1.4670, 0.9470



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.



216.8810, 7.8850, 5.7810



240.0170, 10.4980, 7.9860



216.6700, 9.8570, 3.0810



107.1580, 5.5470, 4.0990



61.9570, 82.9300, 60.9620



17.6430, 23.6550, 17.3430

Inverse Universe

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



216.8810, 7.8850, 5.7810



240.0170, 10.4980, 7.9860



222.3300, -9.8570, -3.0810



107.1580, 5.5470, 4.0990



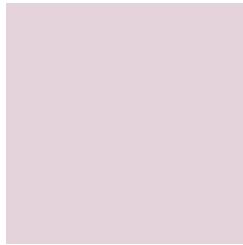
61.9570, 82.9300, 60.9620



17.6430, 23.6550, 17.3430

Previews

White Background



This preview shows how the YIQ color 216.8810, 7.8850, 5.7810 looks on a white background.

Color Contrast Check

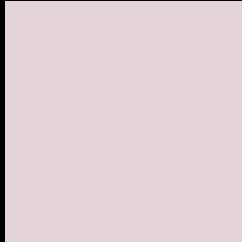
Large Text (above 18pt) WCAG AA × Fail

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 216.8810, 7.8850, 5.7810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

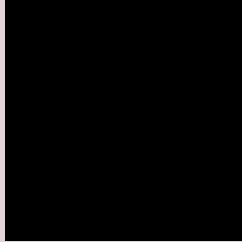
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 216.8810, 7.8850, 5.7810

Background



This preview shows how black text looks on a background with the YIQ color 216.8810, 7.8850, 5.7810.



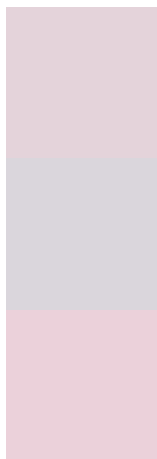
This preview shows how white text looks on a background with the YIQ color 216.8810, 7.8850,

5.7810.

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

216.8810, 7.8850, 5.7810

Protanopia

215.8800, 0.4580, 2.7140

Deuteranopia

217.8000, 12.6070, 8.3110



Tritanopia

217.5050, 6.1880, 9.0040

Trichromacy



Original Color

216.8810, 7.8850, 5.7810

Protanomaly

216.3750, 3.4380, 3.7740

Deuteranomaly

217.4900, 10.5440, 7.1520

Tritanomaly

217.1630, 7.1510, 8.0710

Monochromacy



Original Color

216.8810, 7.8850, 5.7810

Achromatopsia

217.0000, -0.0000, 0.0000

Achromatomaly

217.0220, 2.9340, 1.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.8810, 7.8850, 5.7810 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, 211, 218)` looks like.

```
.text, #text, p{  
    color:rgb(228, 211, 218)  
}
```

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, 211, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 211, 218) }
```

Border

The CSS property to change the border of an element to YIQ 216.8810, 7.8850, 5.7810 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, 211, 218) }
```


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

```
.border{ border-color:rgb(228, 211, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 211, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 211, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 211, 218);  
box-shadow:4px 4px 4px 4px rgb(228, 211,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 216.8810, 7.8850, 5.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 211, 218) }
```

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

```
.background{ background-color: rgb(228,  
211, 218) }
```

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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