

Converting Colors

YIQ(217.8860, 9.4890, 9.7530)

Have a look what the booklet for
YIQ(217.8860, 9.4890, 9.7530)
contains.

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Color

**YIQ(217.8860, 9.4890,
9.7530)**

Conversions

Conversions Part 1

Format	Color
Hex	E9D1E0
RGB	233, 209, 224
RGB Percent	91%, 82%, 88%
CMY	0.0862, 0.1804, 0.1215
CMYK	0.00, 0.10, 0.04, 0.09
HSL	323°, 35%, 87%
HSV	323°, 10%, 91%
XYZ	69.8633, 68.3047, 80.0277
YIQ	217.8860, 9.4890, 9.7530

Conversions

Conversions Part 2

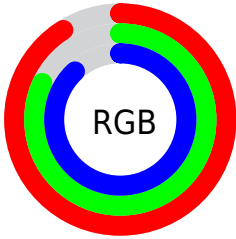
Format	Color
R _Y B	233, 209, 224
Decimal	15323616
CIE Lab	86.16, 10.90, -4.36
CIE LCh	86, 11.739, 338.218
Yxy	68.3047, 0.3202, 0.3130
Android (android.graphics.Color)	4293513696 (0xFFE9D1E0)
YUV	217.8860, 3.0142, 13.2550
Hunter-Lab	82.6466, 6.2589, 0.4415

Details

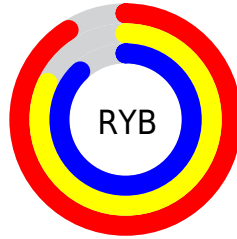
The YIQ color $217.8860, 9.4890, 9.7530$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $224.1140, -9.4890, -9.7530$, and the grayscale version is $218.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $163.1740, 8.6180, 9.0180$ is the 20% darker color. If you saturate the color by 10%, you get $203.3590, 18.7030, 18.9830$, and if you desaturate by 10%, it is $232.4130, 0.2750, 0.5230$.

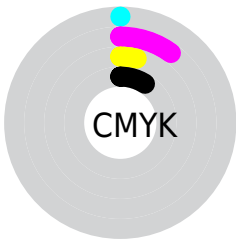
Distribution



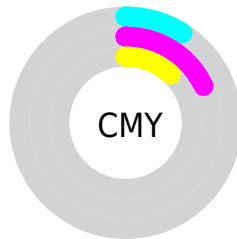
- Red (91%)
- Green (82%)
- Blue (88%)



- Red (91%)
- Yellow (82%)
- Blue (88%)



- Cyan (0%)
- Magenta (10%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.8860, 9.4890, 9.7530 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 217.8860, 9.4890, 9.7530 by changing the saturation by 10% instead.

217.8860, 9.4890,
9.7530

217.8860, 9.4890,
9.7530

255.0000, -0.0000,
-0.0000

189.8860, 9.4890,
9.7530

163.1740, 8.6180,
9.0180

136.7610, 8.3430,
8.4950

111.1740, 8.6180,
9.0180

86.7610, 8.3430,
8.4950

63.1630, 7.1510,
8.0710

41.6360, 7.1970,

7.2370

■ 20.4510, 6.2800,
7.3360

■ 0.0000, 0.0000,
0.0000

■ 217.8860, 9.4890,
9.7530

■ 217.8860, 9.4890,
9.7530

■ 203.3590, 18.7030,
18.9830

■ 232.4130, 0.2750,
0.5230

■ 188.3590, 27.8710,
29.0470

■ 246.8260, -8.6180,
-9.0180

■ 173.8320, 37.0850,
38.2770

■ 247.8520,
-11.5070, -6.2190

■ 159.3050, 46.2990,
47.5070

■ 248.4220,
-13.1120, -4.6640

■ 144.1910, 55.7880,
57.2600

■ 129.7780, 64.6810,
66.8010

■ 115.2510, 73.8950,
76.0310

■ 100.7240, 83.1090,
85.2610

■ 86.3110, 92.0020,
94.8020

Harmonies

Analogous

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



217.3840, -0.7810, 8.6510



217.8860, 9.4890, 9.7530



217.8390, 16.8710, 8.1270

Triad

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



217.8860, 9.4890, 9.7530



215.2860, 10.6380, -5.5700



212.0450, -22.2360, -4.5080

Complementary

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



217.8860, 9.4890, 9.7530



224.1140, -9.4890, -9.7530

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.



211.6770, -18.3840, -8.2400



217.8860, 9.4890, 9.7530



213.6160, 0.7810, -8.6510

Square

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



217.8860, 9.4890, 9.7530



216.0420, 17.3770, -1.0470



212.2280, -9.8100, -9.4420



213.7620, -19.7610, 0.1990

Rectangle

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



217.8860, 9.4890, 9.7530



217.8130, 19.7600, 5.3280



212.2280, -9.8100, -9.4420



212.2900, -21.5480, -5.9640

Sweetspot

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



217.8860, 9.4890, 9.7530



249.9620, 3.1630, 3.2510



214.4270, -2.3400, 9.3720



124.2500, 2.2920, 2.5160



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.



217.8860, 9.4890, 9.7530



235.5490, 12.0560, 12.7920



216.5180, 13.3410, 6.0210



110.0870, 4.3090, 4.5090



67.0010, 71.6030, 73.5150



19.9080, 21.5910, 21.7110

Inverse Universe

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



217.8860, 9.4890, 9.7530



235.5490, 12.0560, 12.7920



225.4820, -13.3410, -6.0210



110.0870, 4.3090, 4.5090



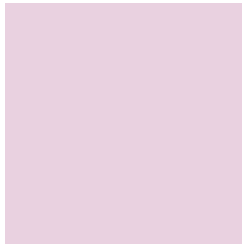
67.0010, 71.6030, 73.5150



19.9080, 21.5910, 21.7110

Previews

White Background



This preview shows how the YIQ color 217.8860, 9.4890, 9.7530 looks on a white background.

Color Contrast Check

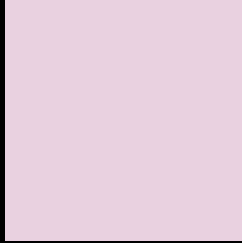
Large Text (above 18pt) WCAG AA × Fail

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 217.8860, 9.4890, 9.7530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

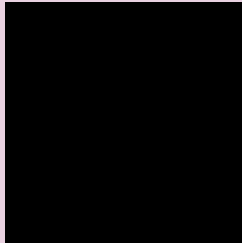
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 217.8860, 9.4890, 9.7530

Background



This preview shows how black text looks on a background with the YIQ color 217.8860, 9.4890, 9.7530.



This preview shows how white text looks on a background with the YIQ color 217.8860, 9.4890,

9.7530.

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

217.8860, 9.4890, 9.7530

Protanopia

216.0800, -2.9810, 4.4670

Deuteranopia

217.8860, 9.4890, 9.7530



Tritanopia

218.0000, 9.1680, 10.0640

Trichromacy



Original Color

217.8860, 9.4890, 9.7530

Protanomaly

216.5860, 1.4660, 6.4740

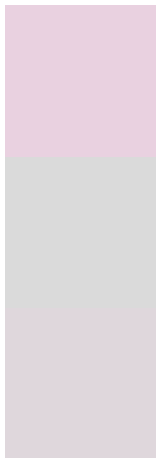
Deuteranomaly

217.8860, 9.4890, 9.7530

Tritanomaly

218.0000, 9.1680, 10.0640

Monochromacy



Original Color

217.8860, 9.4890, 9.7530

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.9620, 3.1630, 3.2510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.8860, 9.4890, 9.7530 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(233, 209, 224)` looks like.

```
.text, #text, p{  
    color:rgb(233, 209, 224)  
}
```

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(233, 209, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 209, 224) }
```

Border

The CSS property to change the border of an element to YIQ 217.8860, 9.4890, 9.7530 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(233, 209, 224) }
```


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

```
.border{ border-color:rgb(233, 209, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 209, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 209, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 209, 224);  
box-shadow:4px 4px 4px 4px rgb(233, 209,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 217.8860, 9.4890, 9.7530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 209, 224) }
```

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

```
.background{ background-color: rgb(233,  
209, 224) }
```

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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