

Converting Colors

YUV(216.9410, -0.4639, 8.8217)

Have a look what the booklet for
YUV(216.9410, -0.4639, 8.8217)
contains.

YUV(216.9410, -0.4639, 8.8217)	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

**YUV(216.9410, -0.4639,
8.8217)**

Conversions

Conversions Part 1

Format	Color
Hex	E3D4D8
RGB	227, 212, 216
RGB Percent	89%, 83%, 85%
CMY	0.1098, 0.1686, 0.1529
CMYK	0.00, 0.07, 0.05, 0.11
HSL	344°, 21%, 86%
HSV	344°, 7%, 89%
XYZ	67.6167, 68.3757, 74.5998
YIQ	216.9410, 7.6560, 4.4240

Conversions

Conversions Part 2

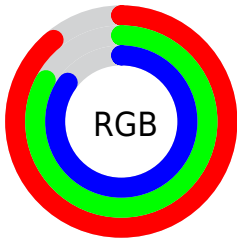
Format	Color
RYB	227, 212, 216
Decimal	14931160
CIELab	86.19, 5.86, -0.12
CIELCh	86, 5.860, 358.842
Yxy	68.3757, 0.3211, 0.3247
Android (android.graphics.Color)	4293121240 (0xFFE3D4D8)
YUV	216.9410, -0.4639, 8.8217
Hunter-Lab	82.6896, 1.2557, 4.3933

Details

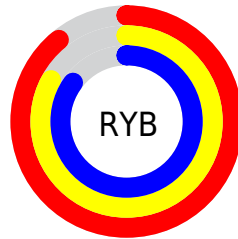
The YUV color $216.9410, -0.4639, 8.8217$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $222.0590, 0.4639, -8.8217$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.9410, -0.4639, 8.8217$ is the 20% darker color. If you saturate the color by 10%, you get $201.5020, -1.2335, 22.3617$, and if you desaturate by 10%, it is $232.3800, 0.3057, -4.7183$.

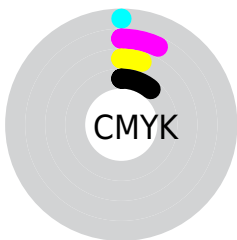
Distribution



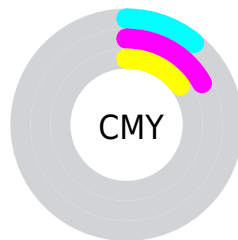
- Red (89%)
- Green (83%)
- Blue (85%)



- Red (89%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (11%)



- Cyan (11%)
- Magenta (17%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.9410, -0.4639, 8.8217 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 YUV color 216.9410, -0.4639, 8.8217 by changing the saturation by 10% instead.

■ 216.9410, -0.4639,
8.8217

■ 216.9410, -0.4639,
8.8217

255.0000, 0.0000,
0.0000

■ 188.9410, -0.4639,
8.8217

■ 161.9410, -0.4639,
8.8217

■ 135.6420, -0.3165,
8.2070

■ 110.3430, -0.1691,
7.5922

■ 86.2290, -0.6059,
7.6922

■ 62.9300, -0.4585,
7.0774

■ 40.6310, -0.3111,

6.4626

■ 20.6310, -0.3111,
6.4626

■ 0.0000, 0.0000,
0.0000

■ 216.9410, -0.4639,
8.8217

■ 216.9410, -0.4639,
8.8217

■ 201.5020, -1.2335,
22.3617

■ 232.3800, 0.3057,
-4.7183

■ 186.7640, -1.8557,
35.2870

■ 245.9440, 1.5066,
-16.6139

■ 171.3250, -2.6252,
48.8270

■ 246.6280, 4.1274,
-17.2138

■ 155.8860, -3.3948,
62.3670

■ 141.1480, -4.0170,
75.2922

■ 125.7090, -4.7865,
88.8322

■ 110.2700, -5.5561,
102.3722

■ 94.9450, -5.8889,
115.8122

■ 80.0930, -6.9478,
128.8374

Harmonies

Analogous

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



216.9020, 2.0203, 5.3479



216.9410, -0.4639, 8.8217



216.5560, -3.2321, 10.0364

Triad

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



216.9410, -0.4639, 8.8217



214.8490, -4.3626, -0.7446



214.9110, 4.9739, -8.6919

Complementary

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



216.9410, -0.4639, 8.8217



222.0590, 0.4639, -8.8217

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.



214.1450, 3.3795, -10.6512



216.9410, -0.4639, 8.8217



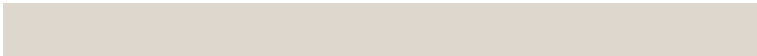
214.0980, -2.0203, -5.3479

Square

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



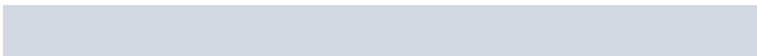
216.9410, -0.4639, 8.8217



215.6540, -5.2524, 4.6884



214.0590, 0.4639, -8.8217



215.4600, 5.6892, -4.7884

Rectangle

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



216.9410, -0.4639, 8.8217



216.5020, -4.6845, 9.2067



214.0590, 0.4639, -8.8217



214.1990, 4.8319, -9.8215

Sweetspot

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



216.9410, -0.4639, 8.8217



251.6090, -0.3002, 2.9739



216.9990, 4.9305, 5.2629



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

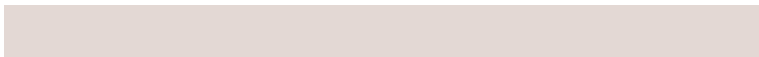
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.9410, -0.4639, 8.8217



241.5500, -0.7642, 11.7956



218.8330, -3.3687, 7.1625



106.9300, -0.4585, 7.0774



58.9930, -5.4195, 105.2461



16.8450, -1.4026, 29.9539

Inverse Universe

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



216.9410, -0.4639, 8.8217



241.5500, -0.7642, 11.7956



220.1670, 3.3687, -7.1625



106.9300, -0.4585, 7.0774



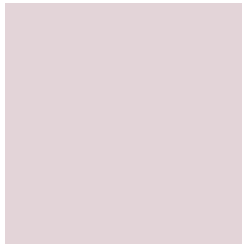
58.9930, -5.4195, 105.2461



16.8450, -1.4026, 29.9539

Previews

White Background



This preview shows how the YUV color 216.9410, -0.4639, 8.8217 looks on a white background.

Color Contrast Check

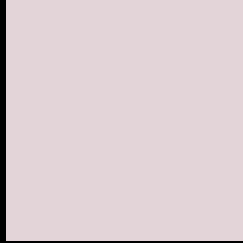
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 216.9410, -0.4639, 8.8217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

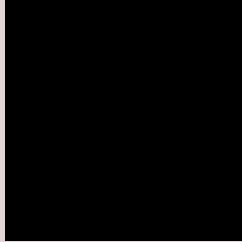
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

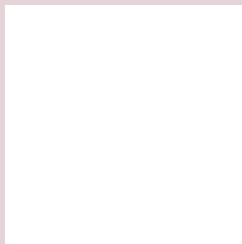
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.9410, -0.4639, 8.8217

Background



This preview shows how black text looks on a background with the YUV color 216.9410, -0.4639, 8.8217.



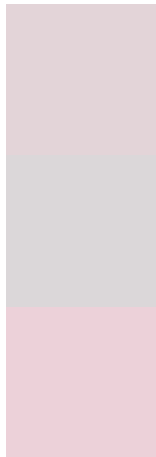
This preview shows how white text looks on a background with the YUV color 216.9410, -0.4639,

8.8217.

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

216.9410, -0.4639, 8.8217

Protanopia

216.4240, 0.2840, 2.2592

Deuteranopia

217.9850, -0.4856, 15.7992



Tritanopia

217.6190, 4.6248, 9.9811

Trichromacy



Original Color

216.9410, -0.4639, 8.8217

Protanomaly

216.7340, 0.1311, 4.6183

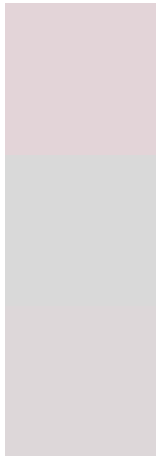
Deuteranomaly

217.6750, -0.3328, 13.4400

Tritanomaly

217.4510, 2.7357, 9.2515

Monochromacy



Original Color

216.9410, -0.4639, 8.8217

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.0220, -0.0108, 3.4887

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.9410, -0.4639, 8.8217 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(227, 212, 216)` looks like.

```
.text, #text, p{  
    color:rgb(227, 212, 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(227, 212, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 212, 216) }
```

Border

The CSS property to change the border of an element to YUV 216.9410, -0.4639, 8.8217 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(227, 212, 216) }
```


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

```
.border{ border-color:rgb(227, 212, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 212, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 212, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 212, 216);  
box-shadow:4px 4px 4px 4px rgb(227, 212,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 216.9410, -0.4639, 8.8217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 212, 216) }
```

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

```
.background{ background-color: rgb(227,  
212, 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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