

Converting Colors

YUV(216.8010, -4.8319, 9.8215)

Have a look what the booklet for
YUV(216.8010, -4.8319, 9.8215)
contains.

YUV(216.8010, -4.8319, 9.8215)	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(216.8010, -4.8319,
9.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D5CF
RGB	228, 213, 207
RGB Percent	89%, 84%, 81%
CMY	0.1059, 0.1647, 0.1882
CMYK	0.00, 0.07, 0.09, 0.11
HSL	17°, 28%, 85%
HSV	17°, 9%, 89%
XYZ	67.0516, 68.5875, 68.7362
YIQ	216.8010, 10.8660, 1.3140

Conversions

Conversions Part 2

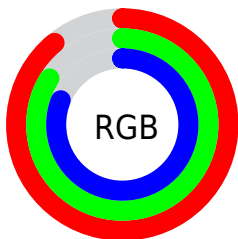
Format	Color
R_{YB}	228, 215, 207
Decimal	14996943
CIE Lab	86.30, 4.16, 4.81
CIE LCh	86, 6.357, 49.159
Yxy	68.5875, 0.3281, 0.3356
Android (android.graphics.Color)	4293187023 (0xFFE4D5CF)
YUV	216.8010, -4.8319, 9.8215
Hunter-Lab	82.8176, -0.4116, 8.7633

Details

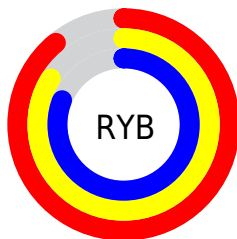
The YUV color $216.8010, -4.8319, 9.8215$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $218.1990, 4.8319, -9.8215$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.9150, -4.3951, 9.7215$ is the 20% darker color. If you saturate the color by 10%, you get $204.7870, -10.2480, 20.3578$, and if you desaturate by 10%, it is $228.8150, 0.5842, -0.7148$.

Distribution



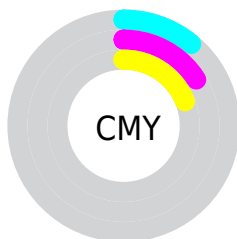
- Red (89%)
- Green (84%)
- Blue (81%)



- Red (89%)
- Yellow (84%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (9%)
- Black (11%)



- Cyan (11%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.8010, -4.8319, 9.8215 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 216.8010, -4.8319, 9.8215 by changing the saturation by 10% instead.

■ 216.8010, -4.8319,
9.8215

■ 216.8010, -4.8319,
9.8215

255.0000, 0.0000,
0.0000

■ 188.8010, -4.8319,
9.8215

■ 161.9150, -4.3951,
9.7215

■ 135.6160, -4.2477,
9.1068

■ 110.3170, -4.1003,
8.4920

■ 86.0180, -3.9529,
7.8772

■ 62.7190, -3.8055,
7.2624

■ 40.8330, -3.3687,

7.1625

■ 20.1920, -4.5317,
6.8476

■ 0.0000, 0.0000,
0.0000

■ 216.8010, -4.8319,
9.8215

■ 216.8010, -4.8319,
9.8215

■ 204.7870,
-10.2480, 20.3578

■ 228.8150, 0.5842,
-0.7148

■ 192.1860,
-15.3747, 31.4089

■ 241.4160, 5.7109,
-11.7658

■ 180.2860,
-20.3540, 41.8452

■ 246.9270, 3.9800,
-16.5990

■ 168.2720,
-25.7701, 52.3815

■ 156.2580,
-31.1862, 62.9177

■ 143.6570,
-36.3129, 73.9688

■ 131.6430,
-41.7290, 84.5051

■ 119.7430,
-46.7083, 94.9414

■ 107.1420,
-51.8350, 105.9925

Harmonies

Analogous

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



217.0830, -2.5059, 10.4512



216.8010, -4.8319, 9.8215



216.1380, -5.9840, 6.0180

Triad

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



216.8010, -4.8319, 9.8215



213.8310, -0.4097, -8.6218



216.3680, 5.2416, -1.1997

Complementary

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



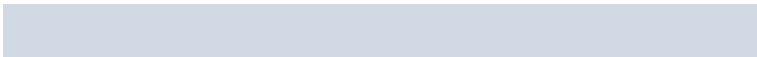
216.8010, -4.8319, 9.8215



218.1990, 4.8319, -9.8215

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.



215.5630, 6.1314, -6.6328



216.8010, -4.8319, 9.8215



214.6180, 2.6533, -11.0660

Square

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



216.8010, -4.8319, 9.8215



214.4680, -3.1887, -3.9184



214.9000, 4.9793, -10.4363



216.9450, 3.4781, 4.4332

Rectangle

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



216.8010, -4.8319, 9.8215



215.5290, -5.6838, 3.0441



214.9000, 4.9793, -10.4363



216.1720, 5.8312, -3.6588

Sweetspot

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



216.8010, -4.8319, 9.8215



251.1530, -2.0474, 3.3738



214.9890, 3.4564, 11.4106



124.9680, -1.4632, 2.6591



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

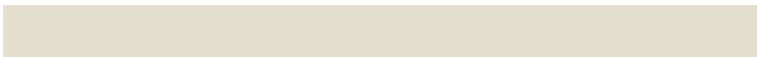
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.8010, -4.8319, 9.8215



240.0680, -6.4425, 13.0954



222.6710, -7.7258, 4.6735



108.9360, -2.9264, 5.3181



83.4580, -41.1448, 83.7903



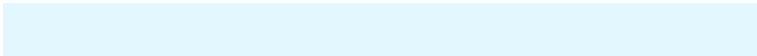
24.0540, -11.8586, 23.6316

Inverse Universe

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



218.1990, 4.8319, -9.8215



241.9320, 6.4425, -13.0954



212.3290, 7.7258, -4.6735



109.0640, 2.9264, -5.3181



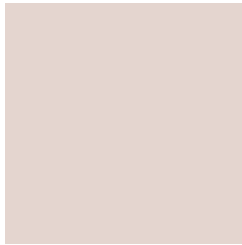
94.9550, 41.4342, -83.2755



26.9460, 11.8586, -23.6316

Previews

White Background



This preview shows how the YUV color 216.8010, -4.8319, 9.8215 looks on a white background.

Color Contrast Check

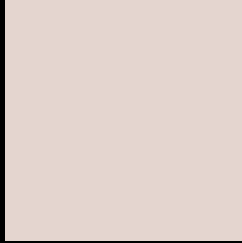
Large Text (above 18pt) WCAG AA × Fail

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 216.8010, -4.8319, 9.8215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

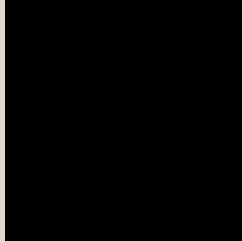
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.8010, -4.8319, 9.8215

Background



This preview shows how black text looks on a background with the YUV color 216.8010, -4.8319, 9.8215.



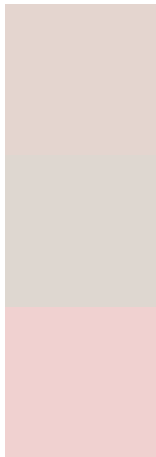
This preview shows how white text looks on a background with the YUV color 216.8010, -4.8319,

9.8215.

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

216.8010, -4.8319, 9.8215

Protanopia

216.2950, -4.0894, 5.0033

Deuteranopia

218.1550, -5.0064, 19.1581



Tritanopia

218.2170, 4.3300, 11.2107

Trichromacy



Original Color

216.8010, -4.8319, 9.8215

Protanomaly

216.3060, -4.0949, 6.7476

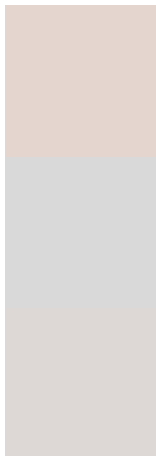
Deuteranomaly

217.5460, -4.7062, 16.1842

Tritanomaly

217.7070, 1.1304, 10.7810

Monochromacy



Original Color

216.8010, -4.8319, 9.8215

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.1530, -2.0474, 3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.8010, -4.8319, 9.8215 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, 213, 207)` looks like.

```
.text, #text, p{  
    color:rgb(228, 213, 207)  
}
```

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, 213, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 213, 207) }
```

Border

The CSS property to change the border of an element to YUV 216.8010, -4.8319, 9.8215 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, 213, 207) }
```


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

```
.border{ border-color:rgb(228, 213, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 213, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 213, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 213, 207);  
box-shadow:4px 4px 4px 4px rgb(228, 213,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 216.8010, -4.8319, 9.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 213, 207) }
```

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

```
.background{ background-color: rgb(228,  
213, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor