

Converting Colors

YUV(218.8610, -5.8475, 8.8919)

Have a look what the booklet for
YUV(218.8610, -5.8475, 8.8919)
contains.

YUV(218.8610, -5.8475, 8.8919)	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(218.8610, -5.8475,
8.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D8CF
RGB	229, 216, 207
RGB Percent	90%, 85%, 81%
CMY	0.1020, 0.1529, 0.1882
CMYK	0.00, 0.06, 0.10, 0.10
HSL	25°, 30%, 85%
HSV	25°, 10%, 90%
XYZ	68.1315, 70.2747, 69.0050
YIQ	218.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

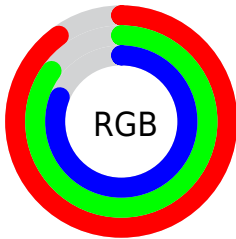
Format	Color
RYB	229, 222, 207
Decimal	15063247
CIELab	87.13, 2.95, 6.02
CIELCh	87, 6.703, 63.916
Yxy	70.2747, 0.3285, 0.3388
Android (android.graphics.Color)	4293253327 (0xFFE5D8CF)
YUV	218.8610, -5.8475, 8.8919
Hunter-Lab	83.8300, -1.6297, 9.8763

Details

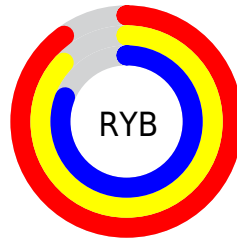
The YUV color $218.8610, -5.8475, 8.8919$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $217.1390, 5.8475, -8.8919$, and the grayscale version is $219.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $163.6760, -5.2633, 8.1771$ is the 20% darker color. If you saturate the color by 10%, you get $208.0210, -11.8424, 18.3986$, and if you desaturate by 10%, it is $229.7010, 0.1474, -0.6148$.

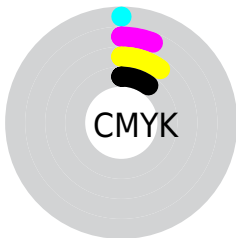
Distribution



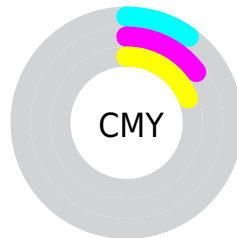
- Red (90%)
- Green (85%)
- Blue (81%)



- Red (90%)
- Yellow (87%)
- Blue (81%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (10%)



- Cyan (10%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 218.8610, -5.8475, 8.8919 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 218.8610, -5.8475, 8.8919 by changing the saturation by 10% instead.

■ 218.8610, -5.8475,
8.8919

■ 218.8610, -5.8475,
8.8919

255.0000, 0.0000,
0.0000

■ 190.8610, -5.8475,
8.8919

■ 163.6760, -5.2633,
8.1771

■ 137.6760, -5.2633,
8.1771

■ 112.3770, -5.1159,
7.5624

■ 87.4910, -4.6791,
7.4624

■ 64.1920, -4.5317,
6.8476

■ 42.3060, -4.0949,

6.7476

■ 21.6650, -5.2578,
6.4328

■ 0.0000, 0.0000,
0.0000

■ 218.8610, -5.8475,
8.8919

■ 218.8610, -5.8475,
8.8919

■ 208.0210,
-11.8424, 18.3986

■ 229.7010, 0.1474,
-0.6148

■ 197.7680,
-18.1266, 27.3905

■ 239.9540, 6.4317,
-9.6067

■ 186.9280,
-24.1215, 36.8971

■ 247.2260, 3.8326,
-15.9842

■ 176.6750,
-30.4058, 45.8890

■ 165.9490,
-35.9639, 55.2957

■ 155.6960,
-42.2481, 64.2876

■ 144.8560,
-48.2430, 73.7943

■ 134.6030,
-54.5273, 82.7862

■ 123.7630,
-60.5222, 92.2928

Harmonies

Analogous

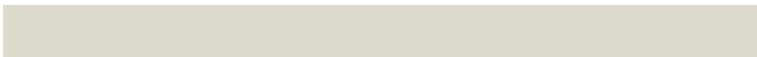
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



219.6270, -4.2531, 10.8511



218.8610, -5.8475, 8.8919



218.1270, -5.9786, 4.2736

Triad

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



218.8610, -5.8475, 8.8919



216.2760, 1.3429, -10.7661



218.9770, 4.9413, 1.7742

Complementary

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



218.8610, -5.8475, 8.8919



217.1390, 5.8475, -8.8919

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.



217.9870, 6.4154, -4.3736



218.8610, -5.8475, 8.8919



216.6610, 4.1111, -11.9807

Square

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



218.8610, -5.8475, 8.8919



216.9730, -2.4517, -6.9923



216.8400, 5.9949, -9.5067



219.9130, 2.0149, 7.0923

Rectangle

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



218.8610, -5.8475, 8.8919



217.3330, -5.0942, 0.5850



216.8400, 5.9949, -9.5067



218.7810, 5.5310, -0.6849

Sweetspot

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



218.8610, -5.8475, 8.8919



251.1530, -2.0474, 3.3738



215.0600, 2.4354, 12.2254



124.9680, -1.4632, 2.6591



0.0000, 0.0000, 0.0000



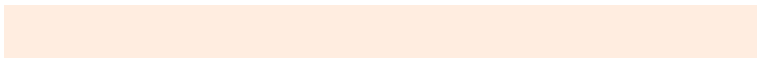
128.0000, 0.0000, 0.0000

Same Dimension

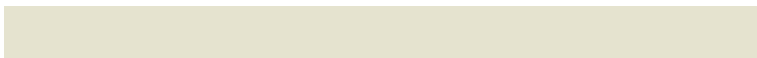
The Same Dimension uses a secret algorithm to generate beautiful new colors.



218.8610, -5.8475, 8.8919



240.9000, -8.3317, 12.3657



225.3180, -9.0308, 3.2291



109.5230, -3.2158, 4.8033



96.3720, -47.5114, 72.4648



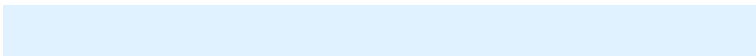
27.5760, -13.5950, 20.5428

Inverse Universe

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



217.1390, 5.8475, -8.8919



238.1000, 8.3317, -12.3657



210.6820, 9.0308, -3.2291



108.4770, 3.2158, -4.8033



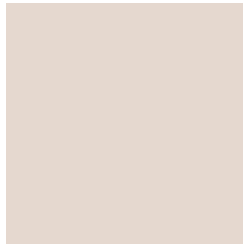
82.0410, 47.8008, -71.9500



23.4240, 13.5950, -20.5428

Previews

White Background



This preview shows how the YUV color 218.8610, -5.8475, 8.8919 looks on a white background.

Color Contrast Check

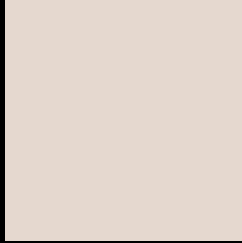
Large Text (above 18pt) WCAG AA × Fail

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 218.8610, -5.8475, 8.8919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

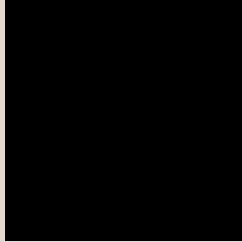
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 218.8610, -5.8475, 8.8919

Background



This preview shows how black text looks on a background with the YUV color 218.8610, -5.8475, 8.8919.



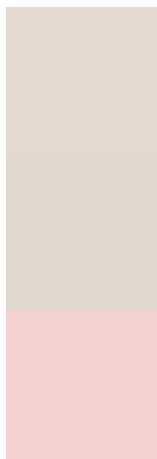
This preview shows how white text looks on a background with the YUV color 218.8610, -5.8475,

8.8919.

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

218.8610, -5.8475, 8.8919

Protanopia

218.3660, -5.1104, 5.8180

Deuteranopia

220.2260, -6.0274, 19.9728



Tritanopia

220.5050, 4.1880, 10.0811

Trichromacy



Original Color

218.8610, -5.8475, 8.8919

Protanomaly

218.6650, -5.2578, 6.4328

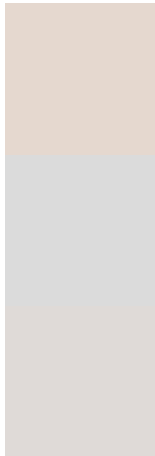
Deuteranomaly

219.9050, -5.8692, 15.8693

Tritanomaly

219.8810, 0.5517, 9.7514

Monochromacy



Original Color

218.8610, -5.8475, 8.8919

Achromatopsia

219.0000, 0.0000, 0.0000

Achromatomaly

219.1530, -2.0474, 3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 218.8610, -5.8475, 8.8919 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(229, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(229, 216, 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(229, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 216, 207) }
```

Border

The CSS property to change the border of an element to YUV 218.8610, -5.8475, 8.8919 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(229, 216, 207) }
```


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

```
.border{ border-color:rgb(229, 216, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(229, 216,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 218.8610, -5.8475, 8.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 216, 207) }
```

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

```
.background{ background-color: rgb(229,  
216, 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