

Converting Colors

YUV(228.8610, -5.8475, 8.8919)

Have a look what the booklet for
YUV(228.8610, -5.8475, 8.8919)
contains.

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Color

**YUV(228.8610, -5.8475,
8.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	EFE2D9
RGB	239, 226, 217
RGB Percent	94%, 89%, 85%
CMY	0.0627, 0.1137, 0.1490
CMYK	0.00, 0.05, 0.09, 0.06
HSL	25°, 41%, 89%
HSV	25°, 9%, 94%
XYZ	75.3173, 77.7532, 76.6839
YIQ	228.8610, 10.6370, -0.0430

Conversions

Conversions Part 2

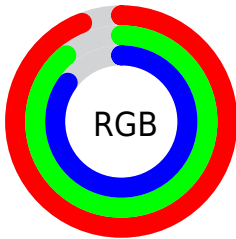
Format	Color
R_{YB}	239, 232, 217
Decimal	15721177
CIE Lab	90.67, 2.92, 5.97
CIE LCh	91, 6.642, 63.953
Yxy	77.7532, 0.3278, 0.3384
Android (android.graphics.Color)	4293911257 (0xFFEFE2D9)
YUV	228.8610, -5.8475, 8.8919
Hunter-Lab	88.1778, -1.8447, 10.1628

Details

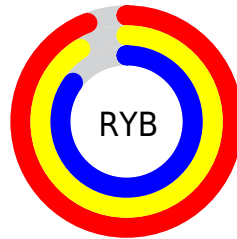
The YUV color $228.8610, -5.8475, 8.8919$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $227.1390, 5.8475, -8.8919$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $173.5620, -5.7001, 8.2771$ is the 20% darker color. If you saturate the color by 10%, you get $217.9070, -12.2792, 18.4986$, and if you desaturate by 10%, it is $239.8150, 0.5842, -0.7148$.

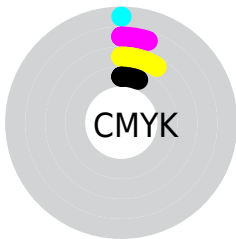
Distribution



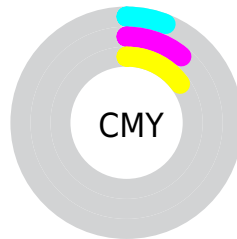
- Red (94%)
- Green (89%)
- Blue (85%)



- Red (94%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 228.8610, -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 228.8610, -5.8475, 8.8919 by changing the saturation by 10% instead.

228.8610, -5.8475,
8.8919

228.8610, -5.8475,
8.8919

255.0000, 0.0000,
0.0000

200.8610, -5.8475,
8.8919

173.5620, -5.7001,
8.2771

146.6760, -5.2633,
8.1771

121.3770, -5.1159,
7.5624

96.3770, -5.1159,
7.5624

72.4910, -4.6791,
7.4624

49.8930, -4.3842,

6.2328

■ 29.0070, -3.9475,
6.1329

■ 3.2890, -1.6215,
6.7625

■ 228.8610, -5.8475,
8.8919

■ 228.8610, -5.8475,
8.8919

■ 217.9070,
-12.2792, 18.4986

■ 239.8150, 0.5842,
-0.7148

■ 206.9530,
-18.7108, 28.1052

■ 249.6290, 2.6479,
-9.3216

■ 195.9990,
-25.1425, 37.7119

■ 250.2160, 2.3585,
-9.8364

■ 185.0450,
-31.5742, 47.3185

■ 173.5040,
-37.7165, 57.4400

■ 162.6640,
-43.7114, 66.9467

■ 151.7100,
-50.1430, 76.5533

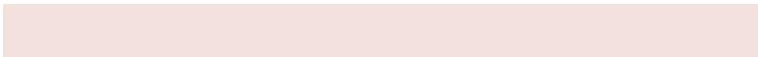
■ 140.7560,
-56.5747, 86.1600

■ 129.8020,
-63.0064, 95.7666

Harmonies

Analogous

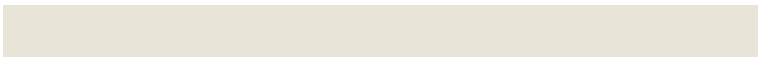
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



229.6270, -4.2531, 10.8511



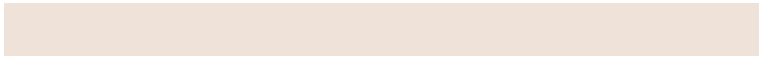
228.8610, -5.8475, 8.8919



228.1270, -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.



228.8610, -5.8475, 8.8919



226.2760, 1.3429, -10.7661



228.9770, 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.



228.8610, -5.8475, 8.8919



227.1390, 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.



227.9870, 6.4154, -4.3736



228.8610, -5.8475, 8.8919



226.6610, 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.



228.8610, -5.8475, 8.8919



226.9730, -2.4517, -6.9923



226.8400, 5.9949, -9.5067



229.9130, 2.0149, 7.0923

Rectangle

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



228.8610, -5.8475, 8.8919



227.3330, -5.0942, 0.5850



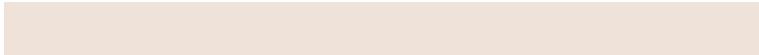
226.8400, 5.9949, -9.5067



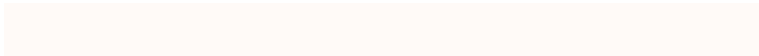
228.7810, 5.5310, -0.6849

Sweetspot

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



228.8610, -5.8475, 8.8919



251.1530, -2.0474, 3.3738



225.0600, 2.4354, 12.2254



124.9680, -1.4632, 2.6591



0.0000, 0.0000, 0.0000



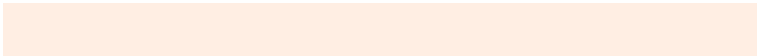
128.0000, 0.0000, 0.0000

Same Dimension

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



228.8610, -5.8475, 8.8919



241.8290, -7.3107, 11.5510



235.3180, -9.0308, 3.2291



114.5230, -3.2158, 4.8033



99.0410, -48.8272, 74.5090



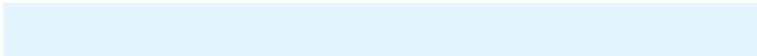
30.2450, -14.9108, 22.5871

Inverse Universe

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



227.1390, 5.8475, -8.8919



240.1710, 7.3107, -11.5510



220.6820, 9.0308, -3.2291



113.4770, 3.2158, -4.8033



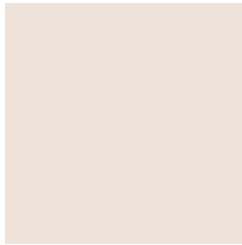
84.3720, 49.1166, -73.9942



25.7550, 14.9108, -22.5871

Previews

White Background



This preview shows how the YUV color 228.8610, -5.8475, 8.8919 looks on a white background.

Color Contrast Check

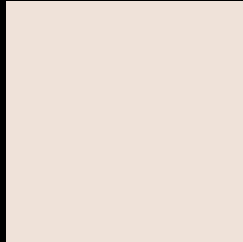
Large Text (above 18pt) WCAG AA × Fail

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 228.8610, -5.8475, 8.8919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

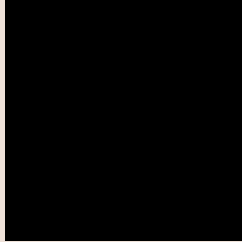
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

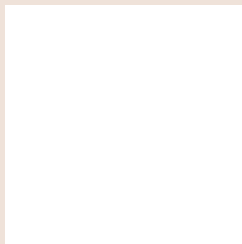
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 228.8610, -5.8475, 8.8919

Background



This preview shows how black text looks on a background with the YUV color 228.8610, -5.8475, 8.8919.



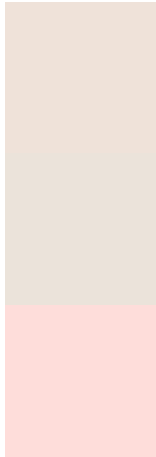
This preview shows how white text looks on a background with the YUV color 228.8610, -5.8475,

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

228.8610, -5.8475, 8.8919

Protanopia

228.3660, -5.1104, 5.8180

Deuteranopia

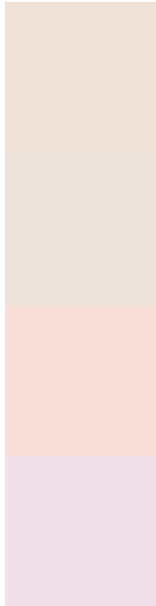
230.5250, -6.1748, 20.5876



Tritanopia

230.6190, 4.6248, 9.9811

Trichromacy



Original Color

228.8610, -5.8475, 8.8919

Protanomaly

228.6650, -5.2578, 6.4328

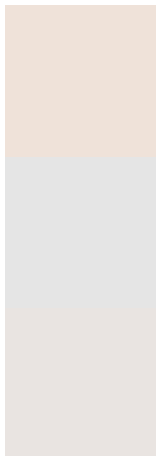
Deuteranomaly

230.2040, -6.0166, 16.4841

Tritanomaly

229.9950, 0.9885, 9.6514

Monochromacy



Original Color

228.8610, -5.8475, 8.8919

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.1530, -2.0474, 3.3738

CSS Examples

Text

The CSS property to change the color of the text to YUV 228.8610, -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(239, 226, 217)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 217)  
}
```

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(239, 226, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 217) }
```

Border

The CSS property to change the border of an element to YUV 228.8610, -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(239, 226, 217) }
```


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

```
.border{ border-color:rgb(239, 226, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 217);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 228.8610, -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(239, 226, 217) }
```

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

```
.background{ background-color: rgb(239,  
226, 217) }
```

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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