

Converting Colors

YUV(219.8560, -8.3100, 5.3883)

Have a look what the booklet for
YUV(219.8560, -8.3100, 5.3883)
contains.

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Color

**YUV(219.8560, -8.3100,
5.3883)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DCCB
RGB	226, 220, 203
RGB Percent	89%, 86%, 80%
CMY	0.1137, 0.1373, 0.2039
CMYK	0.00, 0.03, 0.10, 0.11
HSL	44°, 28%, 84%
HSV	44°, 10%, 89%
XYZ	67.7367, 71.6669, 66.7629
YIQ	219.8560, 9.0330, -4.0150

Conversions

Conversions Part 2

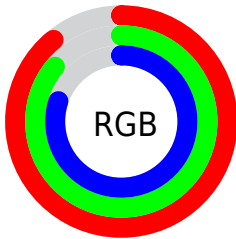
Format	Color
R_{YB}	211, 226, 203
Decimal	14867659
CIE _{Lab}	87.81, -0.83, 9.07
CIE _{LCh}	88, 9.107, 95.260
Yxy	71.6669, 0.3286, 0.3476
Android (android.graphics.Color)	4293057739 (0xFFE2DCCB)
YUV	219.8560, -8.3100, 5.3883
Hunter-Lab	84.6563, -5.3240, 12.5013

Details

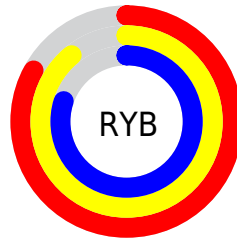
The YUV color $219.8560, -8.3100, 5.3883$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $209.1440, 8.3100, -5.3883$, and the grayscale version is $220.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $164.9700, -7.8732, 5.2883$ is the 20% darker color. If you saturate the color by 10%, you get $213.7120, -16.6200, 10.7766$, and if you desaturate by 10%, it is $226.0000, 0.0000, 0.0000$.

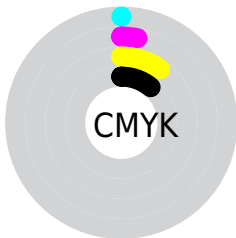
Distribution



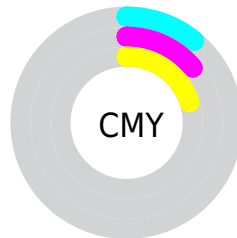
- Red (89%)
- Green (86%)
- Blue (80%)



- Red (83%)
- Yellow (89%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (14%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 219.8560, -8.3100, 5.3883 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 219.8560, -8.3100, 5.3883 by changing the saturation by 10% instead.

■ 219.8560, -8.3100,
5.3883

■ 219.8560, -8.3100,
5.3883

255.0000, 0.0000,
0.0000

■ 191.9700, -7.8732,
5.2883

■ 164.9700, -7.8732,
5.2883

■ 138.6710, -7.7258,
4.6735

■ 112.7850, -7.2890,
4.5736

■ 88.7850, -7.2890,
4.5736

■ 65.6000, -6.7048,
3.8588

■ 43.4150, -6.1206,

3.1440

■ 22.2580, -8.0152,
4.1587

■ 0.0000, 0.0000,
0.0000

■ 219.8560, -8.3100,
5.3883

■ 219.8560, -8.3100,
5.3883

■ 213.7120,
-16.6200, 10.7766

■ 226.0000, 0.0000,
0.0000

■ 207.6820,
-24.4932, 16.0649

■ 232.0300, 7.8732,
-5.2883

■ 201.5380,
-32.8032, 21.4532

■ 236.3500, 9.1945,
-9.0769

■ 195.5080,
-40.6764, 26.7415

■ 239.8720, 7.4581,
-12.1657

■ 189.9510,
-49.2758, 31.6150

■ 242.8070, 6.0111,
-14.7397

■ 183.8070,
-57.5859, 37.0033

■ 246.3290, 4.2748,
-17.8285

■ 177.7770,
-65.4591, 42.2916

■ 171.6330,
-73.7691, 47.6799

■ 165.6030,
-81.6423, 52.9682

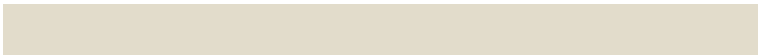
Harmonies

Analogous

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



220.7150, -7.7475, 11.6509



219.8560, -8.3100, 5.3883



218.9690, -6.3937, -2.6038

Triad

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



219.8560, -8.3100, 5.3883



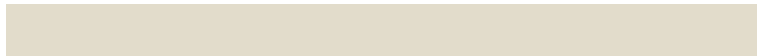
217.7960, 6.0166, -16.4841



221.8640, 3.0250, 9.7663

Complementary

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



219.8560, -8.3100, 5.3883



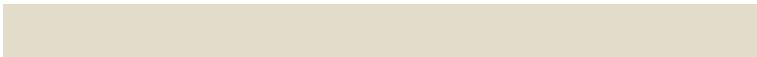
209.1440, 8.3100, -5.3883

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.



221.0310, 6.3937, 2.6038



219.8560, -8.3100, 5.3883



218.8010, 8.4791, -12.9805

Square

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



219.8560, -8.3100, 5.3883



217.0690, 1.9380, -14.9695



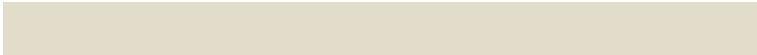
219.8450, 8.4574, -6.0031



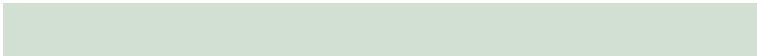
221.7460, -1.3538, 14.2548

Rectangle

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



219.8560, -8.3100, 5.3883



217.9190, -3.9041, -7.8220



219.8450, 8.4574, -6.0031



221.7820, 4.0515, 7.2072

Sweetspot

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



219.8560, -8.3100, 5.3883



252.9140, -2.9156, 1.8294



210.5610, -0.7696, 13.5400



126.1420, -2.0420, 1.6295



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.



219.8560, -8.3100, 5.3883



246.7700, -11.2256, 7.2177



221.8830, -9.3093, -0.7744



108.9850, -3.9366, 2.6442



128.9340, -63.5645, 41.2769



35.4840, -17.4936, 10.9765

Inverse Universe

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



209.1440, 8.3100, -5.3883



232.2300, 11.2256, -7.2177



207.1170, 9.3093, 0.7744



104.0150, 3.9366, -2.6442



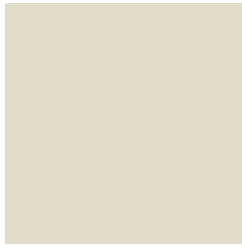
47.0660, 63.5645, -41.2769



13.1030, 17.2042, -11.4913

Previews

White Background



This preview shows how the YUV color 219.8560, -8.3100, 5.3883 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 219.8560, -8.3100, 5.3883 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

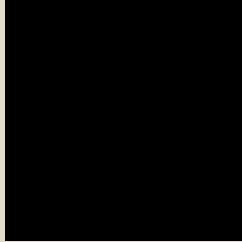
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

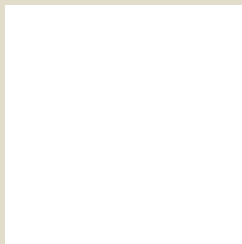
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 219.8560, -8.3100, 5.3883

Background



This preview shows how black text looks on a background with the YUV color 219.8560, -8.3100, 5.3883.

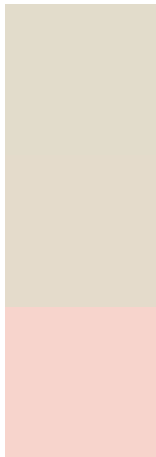


This preview shows how white text looks on a background with the YUV color 219.8560, -8.3100,

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

219.8560, -8.3100, 5.3883

Protanopia

219.8670, -8.3154, 7.1326

Deuteranopia

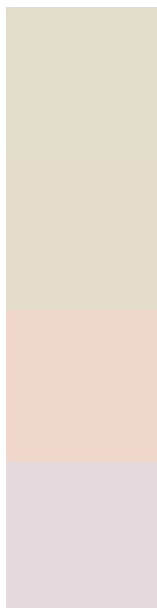
221.5530, -8.6536, 22.3170



Tritanopia

222.1240, 5.3619, 6.9073

Trichromacy



Original Color

219.8560, -8.3100, 5.3883

Protanomaly

219.5680, -8.1680, 6.5179

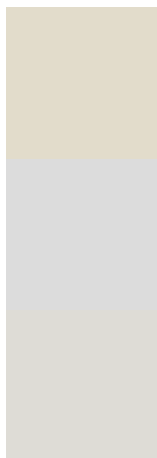
Deuteranomaly

220.9220, -8.3425, 15.8544

Tritanomaly

221.1580, 0.4151, 6.8774

Monochromacy



Original Color

219.8560, -8.3100, 5.3883

Achromatopsia

220.0000, 0.0000, 0.0000

Achromatomaly

219.9140, -2.9156, 1.8294

CSS Examples

Text

The CSS property to change the color of the text to YUV 219.8560, -8.3100, 5.3883 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(226, 220, 203)` looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 203)  
}
```

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(226, 220, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 203) }
```

Border

The CSS property to change the border of an element to YUV 219.8560, -8.3100, 5.3883 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(226, 220, 203) }
```


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

```
.border{ border-color:rgb(226, 220, 203) }
```

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

Here you see how a box with a 4 pixel rgb(226, 220, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 203);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
203) }
```

Background

The CSS property to change the background color of an element to YUV 219.8560, -8.3100, 5.3883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 203) }
```

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

```
.background{ background-color: rgb(226,  
220, 203) }
```

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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