

Converting Colors

YUV(222.0520, -8.8996, 7.8474)

Have a look what the booklet for
YUV(222.0520, -8.8996, 7.8474)
contains.

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Color

**YUV(222.0520, -8.8996,
7.8474)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DDCC
RGB	231, 221, 204
RGB Percent	91%, 87%, 80%
CMY	0.0941, 0.1333, 0.2000
CMYK	0.00, 0.04, 0.12, 0.09
HSL	38°, 36%, 85%
HSV	38°, 12%, 91%
XYZ	69.7105, 73.0615, 67.5549
YIQ	222.0520, 11.4170, -3.1670

Conversions

Conversions Part 2

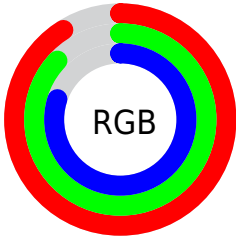
Format	Color
R _Y B	220, 231, 204
Decimal	15195596
CIE Lab	88.48, 0.58, 9.55
CIE LCh	88, 9.570, 86.536
Yxy	73.0615, 0.3314, 0.3474
Android (android.graphics.Color)	4293385676 (0xFFE7DDCC)
YUV	222.0520, -8.8996, 7.8474
Hunter-Lab	85.4760, -4.0061, 12.9741

Details

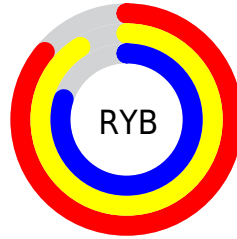
The YUV color $222.0520, -8.8996, 7.8474$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $212.9480, 8.8996, -7.8474$, and the grayscale version is $222.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $166.8670, -8.3154, 7.1326$ is the 20% darker color. If you saturate the color by 10%, you get $214.1470, -16.3415, 14.7801$, and if you desaturate by 10%, it is $229.9570, -1.4578, 0.9147$.

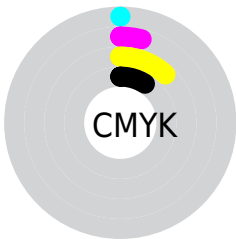
Distribution



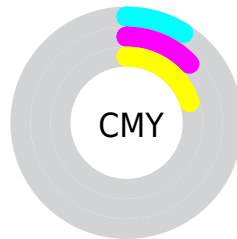
- Red (91%)
- Green (87%)
- Blue (80%)



- Red (86%)
- Yellow (91%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (9%)



- Cyan (9%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 222.0520, -8.8996, 7.8474 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 222.0520, -8.8996, 7.8474 by changing the saturation by 10% instead.

■ 222.0520, -8.8996,
7.8474

■ 222.0520, -8.8996,
7.8474

255.0000, 0.0000,
0.0000

■ 194.1660, -8.4628,
7.7474

■ 166.8670, -8.3154,
7.1326

■ 140.8670, -8.3154,
7.1326

■ 114.9810, -7.8786,
7.0327

■ 90.6820, -7.7312,
6.4179

■ 66.9100, -6.8576,
6.2179

■ 44.6110, -6.7102,

5.6032

■ 23.9700, -7.8732,
5.2883

■ 0.0000, 0.0000,
0.0000

■ 222.0520, -8.8996,
7.8474

■ 222.0520, -8.8996,
7.8474

■ 214.1470,
-16.3415, 14.7801

■ 229.9570, -1.4578,
0.9147

■ 206.8290,
-24.0727, 21.1980

■ 237.2750, 6.2734,
-5.5032

■ 198.9240,
-31.5145, 28.1307

■ 243.1280, 5.8529,
-10.6363

■ 191.6060,
-39.2458, 34.5485

■ 247.8240, 3.5378,
-14.7546

■ 183.7010,
-46.6876, 41.4812

■ 176.2690,
-54.8556, 47.9991

■ 168.3640,
-62.2975, 54.9318

■ 161.0460,
-70.0287, 61.3497

■ 154.1840,
-76.0127, 67.3676

Harmonies

Analogous

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



223.0250, -7.9003, 14.0101



222.0520, -8.8996, 7.8474



221.0510, -7.4201, -0.0447

Triad

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



222.0520, -8.8996, 7.8474



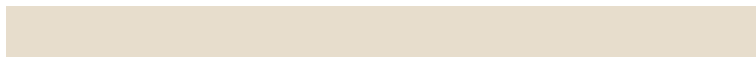
219.2690, 5.2904, -16.8989



223.4940, 4.1935, 8.3368

Complementary

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



222.0520, -8.8996, 7.8474



212.9480, 8.8996, -7.8474

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.



222.9490, 7.4201, 0.0447



222.0520, -8.8996, 7.8474



220.3770, 8.1951, -15.2396

Square

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



222.0520, -8.8996, 7.8474



219.7270, 0.6276, -14.6696



221.6490, 9.0470, -8.4622



223.9740, -0.4802, 14.0548

Rectangle

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



222.0520, -8.8996, 7.8474



220.4740, -5.6567, -5.6777



221.6490, 9.0470, -8.4622



223.5260, 5.6567, 5.6777

Sweetspot

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



222.0520, -8.8996, 7.8474



251.5120, -3.2104, 3.0590



213.2130, 0.3880, 15.5992



125.4410, -2.1894, 2.2442



0.0000, 0.0000, 0.0000



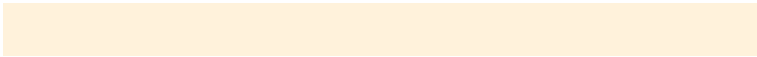
128.0000, 0.0000, 0.0000

Same Dimension

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



222.0520, -8.8996, 7.8474



243.2650, -11.9626, 10.2916



227.0250, -11.3513, 0.8551



111.2840, -4.0840, 3.2589



119.2650, -58.7976, 52.3876



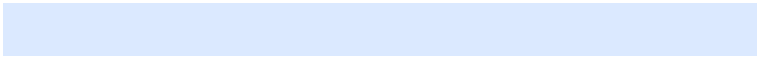
34.0330, -16.7783, 14.8801

Inverse Universe

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



212.9480, 8.8996, -7.8474



231.3220, 11.6733, -10.8064



207.9750, 11.3513, -0.8551



107.3030, 3.7946, -3.7737



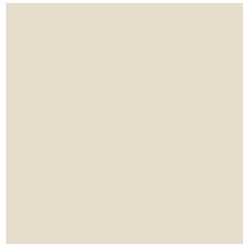
59.1480, 59.0870, -51.8728



16.9670, 16.7783, -14.8801

Previews

White Background



This preview shows how the YUV color 222.0520, -8.8996, 7.8474 looks on a white background.

Color Contrast Check

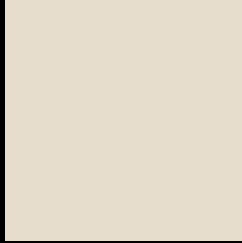
Large Text (above 18pt) WCAG AA × Fail

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 222.0520, -8.8996, 7.8474 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

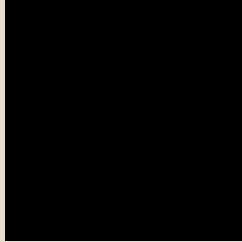
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

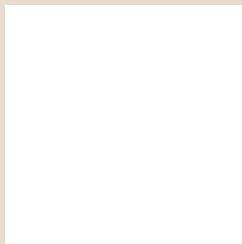
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 222.0520, -8.8996, 7.8474

Background



This preview shows how black text looks on a background with the YUV color 222.0520, -8.8996, 7.8474.



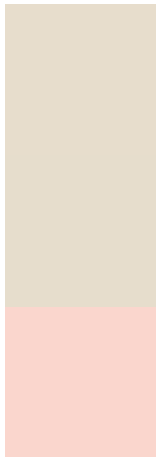
This preview shows how white text looks on a background with the YUV color 222.0520, -8.8996,

7.8474.

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

222.0520, -8.8996, 7.8474

Protanopia

221.7530, -8.7522, 7.2326

Deuteranopia

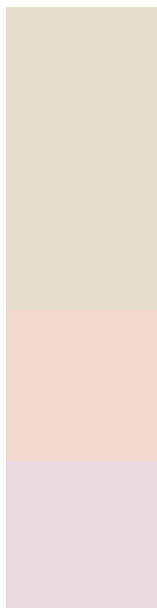
223.7380, -9.2378, 23.0318



Tritanopia

224.3200, 4.7722, 9.3664

Trichromacy



Original Color

222.0520, -8.8996, 7.8474

Protanomaly

221.7530, -8.7522, 7.2326

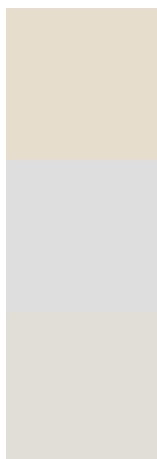
Deuteranomaly

223.4060, -9.0742, 17.1839

Tritanomaly

223.3540, -0.1745, 9.3365

Monochromacy



Original Color

222.0520, -8.8996, 7.8474

Achromatopsia

222.0000, 0.0000, 0.0000

Achromatomaly

222.0990, -3.4998, 2.5442

CSS Examples

Text

The CSS property to change the color of the text to YUV 222.0520, -8.8996, 7.8474 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(231, 221, 204)` looks like.

```
.text, #text, p{  
    color:rgb(231, 221, 204)  
}
```

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(231, 221, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 221, 204) }
```

Border

The CSS property to change the border of an element to YUV 222.0520, -8.8996, 7.8474 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(231, 221, 204) }
```


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

```
.border{ border-color:rgb(231, 221, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 221, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 221, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 221, 204);  
box-shadow:4px 4px 4px 4px rgb(231, 221,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 222.0520, -8.8996, 7.8474 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 221, 204) }
```

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

```
.background{ background-color: rgb(231,  
221, 204) }
```

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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