

Converting Colors

YUV(216.7960, -7.2944, 6.3179)

Have a look what the booklet for
YUV(216.7960, -7.2944, 6.3179)
contains.

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Color

**YUV(216.7960, -7.2944,
6.3179)**

Conversions

Conversions Part 1

Format	Color
Hex	E0D8CA
RGB	224, 216, 202
RGB Percent	88%, 85%, 79%
CMY	0.1216, 0.1529, 0.2078
CMYK	0.00, 0.04, 0.10, 0.12
HSL	38°, 26%, 84%
HSV	38°, 10%, 88%
XYZ	65.9570, 69.2233, 65.7622
YIQ	216.7960, 9.2620, -2.6580

Conversions

Conversions Part 2

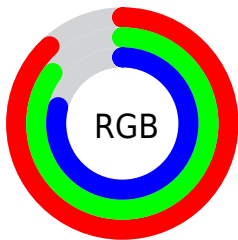
Format	Color
R _Y B	215, 224, 202
Decimal	14735562
CIE Lab	86.61, 0.36, 7.86
CIE LCh	87, 7.872, 87.354
Yxy	69.2233, 0.3282, 0.3445
Android (android.graphics.Color)	4292925642 (0xFFE0D8CA)
YUV	216.7960, -7.2944, 6.3179
Hunter-Lab	83.2005, -4.0955, 11.3772

Details

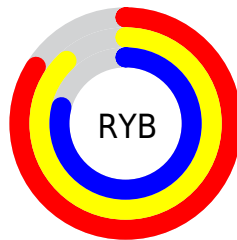
The YUV color $216.7960, -7.2944, 6.3179$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $209.2040, 7.2944, -6.3179$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $161.9100, -6.8576, 6.2179$ is the 20% darker color. If you saturate the color by 10%, you get $209.5920, -14.5889, 12.6358$, and if you desaturate by 10%, it is $224.0000, 0.0000, 0.0000$.

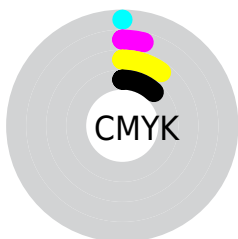
Distribution



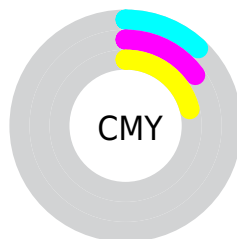
- Red (88%)
- Green (85%)
- Blue (79%)



- Red (84%)
- Yellow (88%)
- Blue (79%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (12%)



- Cyan (12%)
- Magenta (15%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.7960, -7.2944, 6.3179 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 216.7960, -7.2944, 6.3179 by changing the saturation by 10% instead.

■ 216.7960, -7.2944,
6.3179

■ 216.7960, -7.2944,
6.3179

255.0000, 0.0000,
0.0000

■ 188.9100, -6.8576,
6.2179

■ 161.9100, -6.8576,
6.2179

■ 135.6110, -6.7102,
5.6032

■ 110.6110, -6.7102,
5.6032

■ 85.8390, -5.8366,
5.4032

■ 62.5400, -5.6892,
4.7884

■ 41.2410, -5.5418,

4.1736

■ 20.0840, -7.4364,
5.1883

■ 0.0000, 0.0000,
0.0000

■ 216.7960, -7.2944,
6.3179

■ 216.7960, -7.2944,
6.3179

■ 209.5920,
-14.5889, 12.6358

■ 224.0000, 0.0000,
0.0000

■ 202.2740,
-22.3201, 19.0537

■ 231.3180, 7.7312,
-6.4179

■ 195.0700,
-29.6145, 25.3716

■ 236.9260, 8.9105,
-11.3361

■ 187.1650,
-37.0563, 32.3043

■ 242.2090, 6.3060,
-15.9693

■ 179.9610,
-44.3508, 38.6222

■ 245.7310, 4.5696,
-19.0581

■ 172.7570,
-51.6452, 44.9401

■ 165.4390,
-59.3764, 51.3580

■ 158.2350,
-66.6709, 57.6759

■ 150.9170,
-74.4021, 64.0938

Harmonies

Analogous

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



217.6440, -6.7265, 10.8362



216.7960, -7.2944, 6.3179



215.6920, -6.2572, 0.2701

Triad

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



216.7960, -7.2944, 6.3179



214.6500, 4.1165, -13.7251



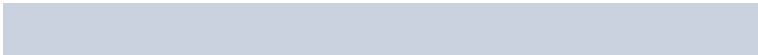
218.2550, 3.3253, 6.7924

Complementary

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



216.7960, -7.2944, 6.3179



209.2040, 7.2944, -6.3179

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.



217.6070, 6.1097, 0.3447



216.7960, -7.2944, 6.3179



215.6440, 6.5845, -11.9658

Square

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



216.7960, -7.2944, 6.3179



214.4500, 0.7642, -11.7956



216.9050, 7.4418, -6.9327



218.6640, -0.3274, 11.6957

Rectangle

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



216.7960, -7.2944, 6.3179



215.5280, -4.2043, -4.8481



216.9050, 7.4418, -6.9327



218.4720, 4.2043, 4.8481

Sweetspot

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



216.7960, -7.2944, 6.3179



252.3270, -2.6262, 2.3442



209.4900, 0.2514, 12.7253



126.1420, -2.0420, 1.6295



0.0000, 0.0000, 0.0000



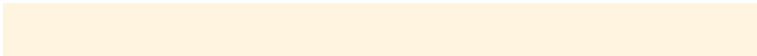
128.0000, 0.0000, 0.0000

Same Dimension

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



216.7960, -7.2944, 6.3179



245.0090, -10.3574, 8.7621



220.5950, -9.1673, 0.3552



108.3980, -3.6472, 3.1590



118.3680, -58.3554, 50.5433



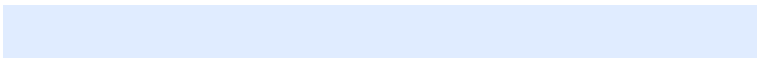
32.5490, -16.0467, 13.5505

Inverse Universe

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



209.2040, 7.2944, -6.3179



234.5780, 10.0680, -9.2769



205.4050, 9.1673, -0.3552



104.6020, 3.6472, -3.1590



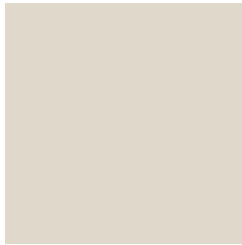
57.6320, 58.3554, -50.5433



16.0380, 15.7573, -14.0653

Previews

White Background



This preview shows how the YUV color 216.7960, -7.2944, 6.3179 looks on a white background.

Color Contrast Check

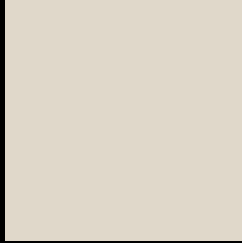
Large Text (above 18pt) WCAG AA × Fail

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 216.7960, -7.2944, 6.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

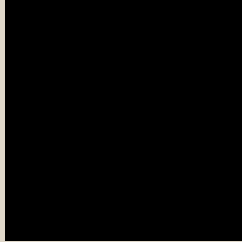
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

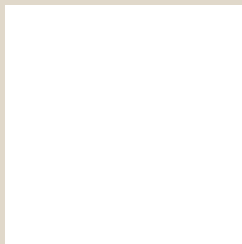
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 216.7960, -7.2944, 6.3179

Background



This preview shows how black text looks on a background with the YUV color 216.7960, -7.2944, 6.3179.



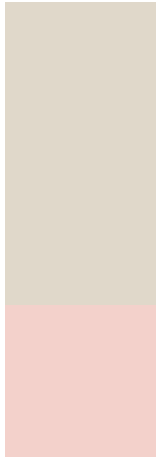
This preview shows how white text looks on a background with the YUV color 216.7960, -7.2944,

6.3179.

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

216.7960, -7.2944, 6.3179

Protanopia

216.7960, -7.2944, 6.3179

Deuteranopia

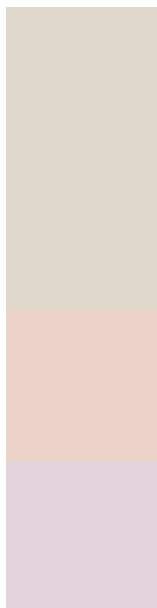
218.4820, -7.6326, 21.5023



Tritanopia

218.7220, 5.0671, 8.1368

Trichromacy



Original Color

216.7960, -7.2944, 6.3179

Protanomaly

216.7960, -7.2944, 6.3179

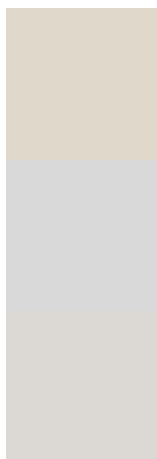
Deuteranomaly

218.1500, -7.4689, 15.6545

Tritanomaly

217.8700, 0.5571, 8.0070

Monochromacy



Original Color

216.7960, -7.2944, 6.3179

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

217.3270, -2.6262, 2.3442

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.7960, -7.2944, 6.3179 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(224, 216, 202)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 202)  
}
```

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(224, 216, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 202) }
```

Border

The CSS property to change the border of an element to YUV 216.7960, -7.2944, 6.3179 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(224, 216, 202) }
```


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

```
.border{ border-color:rgb(224, 216, 202) }
```

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

Here you see how a box with a 4 pixel rgb(224, 216, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 202);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 216.7960, -7.2944, 6.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 202) }
```

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

```
.background{ background-color: rgb(224,  
216, 202) }
```

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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