

Converting Colors

YUV(227.5400, -5.6892, 4.7884)

Have a look what the booklet for
YUV(227.5400, -5.6892, 4.7884)
contains.

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Color

**YUV(227.5400, -5.6892,
4.7884)**

Conversions

Conversions Part 1

Format	Color
Hex	E9E3D8
RGB	233, 227, 216
RGB Percent	91%, 89%, 85%
CMY	0.0863, 0.1098, 0.1529
CMYK	0.00, 0.03, 0.07, 0.09
HSL	39°, 28%, 88%
HSV	39°, 7%, 91%
XYZ	73.4680, 77.2197, 75.9985
YIQ	227.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

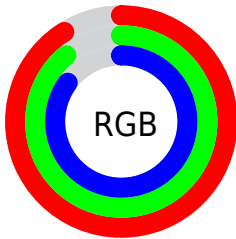
Format	Color
R_{YB}	225, 233, 216
Decimal	15328216
CIE Lab	90.42, 0.15, 6.08
CIE LCh	90, 6.079, 88.566
Yxy	77.2197, 0.3241, 0.3406
Android (android.graphics.Color)	4293518296 (0xFFE9E3D8)
YUV	227.5400, -5.6892, 4.7884
Hunter-Lab	87.8747, -4.5451, 10.2354

Details

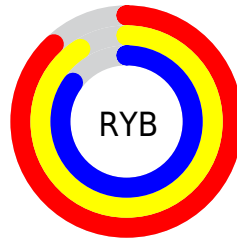
The YUV color $227.5400, -5.6892, 4.7884$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $221.4600, 5.6892, -4.7884$, and the grayscale version is $228.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $172.2410, -5.5418, 4.1736$ is the 20% darker color. If you saturate the color by 10%, you get $220.2220, -13.4204, 11.2063$, and if you desaturate by 10%, it is $234.8580, 2.0420, -1.6295$.

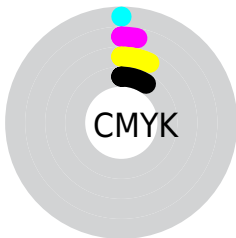
Distribution



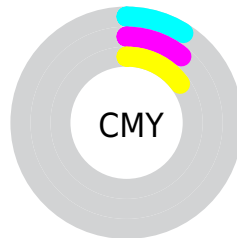
- Red (91%)
- Green (89%)
- Blue (85%)



- Red (88%)
- Yellow (91%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.5400, -5.6892, 4.7884 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 227.5400, -5.6892, 4.7884 by changing the saturation by 10% instead.

■ 227.5400, -5.6892,
4.7884

■ 227.5400, -5.6892,
4.7884

255.0000, 0.0000,
0.0000

■ 199.5400, -5.6892,
4.7884

■ 172.2410, -5.5418,
4.1736

■ 145.6540, -5.2524,
4.6884

■ 120.3550, -5.1050,
4.0737

■ 95.3550, -5.1050,
4.0737

■ 71.4690, -4.6682,
3.9737

■ 49.1700, -4.5208,

3.3589

■ 28.2840, -4.0840,
3.2589

■ 1.4840, -0.7316,
1.3295

■ 227.5400, -5.6892,
4.7884

■ 227.5400, -5.6892,
4.7884

■ 220.2220,
-13.4204, 11.2063

■ 234.8580, 2.0420,
-1.6295

■ 212.7900,
-21.5885, 17.7242

■ 241.3780, 6.7156,
-7.3475

■ 204.8850,
-29.0303, 24.6569

■ 246.6610, 4.1111,
-11.9807

■ 197.5670,
-36.7615, 31.0747

■ 248.4220, 3.2430,
-13.5251

■ 190.2490,
-44.4928, 37.4926

■ 182.8170,
-52.6608, 44.0105

■ 174.9120,
-60.1026, 50.9432

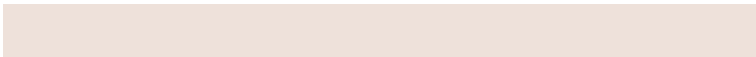
■ 167.5940,
-67.8338, 57.3611

■ 160.1620,
-76.0019, 63.8789

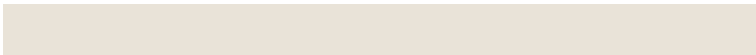
Harmonies

Analogous

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



228.0890, -4.9739, 8.6919



227.5400, -5.6892, 4.7884



226.7350, -4.7994, -0.6446

Triad

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



227.5400, -5.6892, 4.7884



226.1450, 3.3795, -10.6512



229.0160, 2.4571, 5.2480

Complementary

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



227.5400, -5.6892, 4.7884



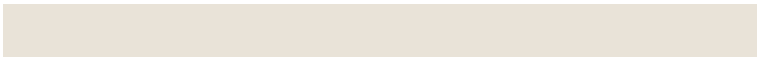
221.4600, 5.6892, -4.7884

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.



228.2650, 4.7994, 0.6446



227.5400, -5.6892, 4.7884



226.6120, 5.1213, -9.3067

Square

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



227.5400, -5.6892, 4.7884



225.7600, 0.6113, -9.4365



227.4600, 5.6892, -4.7884



228.9410, -0.4639, 8.8217

Rectangle

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



227.5400, -5.6892, 4.7884



226.4680, -3.1887, -3.9184



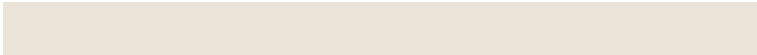
227.4600, 5.6892, -4.7884



228.5320, 3.1887, 3.9184

Sweetspot

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



227.5400, -5.6892, 4.7884



253.2560, -1.6052, 1.5295



221.7670, 0.1149, 9.8513



127.0710, -1.0210, 0.8147



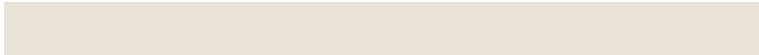
0.0000, 0.0000, 0.0000



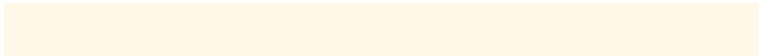
128.0000, 0.0000, 0.0000

Same Dimension

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



227.5400, -5.6892, 4.7884



247.6820, -7.7312, 6.4179



230.4640, -7.1308, 0.4701



113.3980, -3.6472, 3.1590



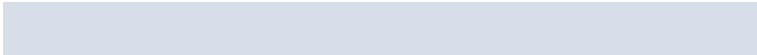
122.7980, -60.5394, 51.0432



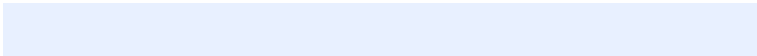
36.6910, -18.0887, 15.1800

Inverse Universe

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



221.4600, 5.6892, -4.7884



239.3180, 7.7312, -6.4179



218.5360, 7.1308, -0.4701



109.6020, 3.6472, -3.1590



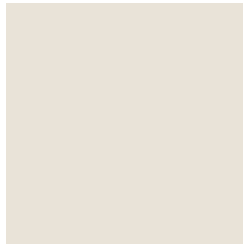
58.2020, 60.5394, -51.0432



17.3090, 18.0887, -15.1800

Previews

White Background



This preview shows how the YUV color 227.5400, -5.6892, 4.7884 looks on a white background.

Color Contrast Check

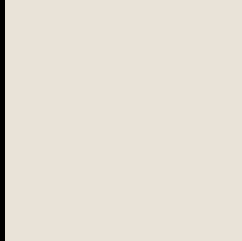
Large Text (above 18pt) WCAG AA × Fail

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 227.5400, -5.6892, 4.7884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

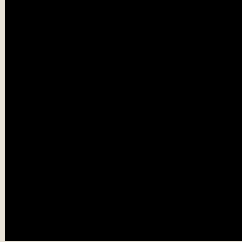
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

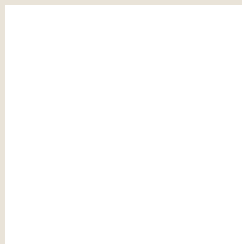
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.5400, -5.6892, 4.7884

Background



This preview shows how black text looks on a background with the YUV color 227.5400, -5.6892, 4.7884.



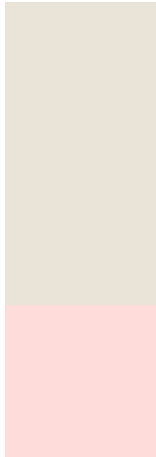
This preview shows how white text looks on a background with the YUV color 227.5400, -5.6892,

4.7884.

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

227.5400, -5.6892, 4.7884

Protanopia

227.8390, -5.8366, 5.4032

Deuteranopia

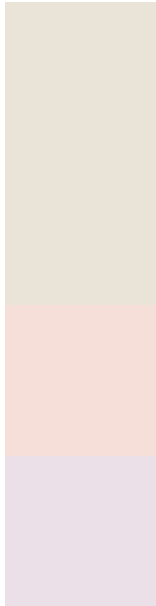
229.5250, -6.1748, 20.5876



Tritanopia

229.2380, 5.7987, 6.8073

Trichromacy



Original Color

227.5400, -5.6892, 4.7884

Protanomaly

227.8390, -5.8366, 5.4032

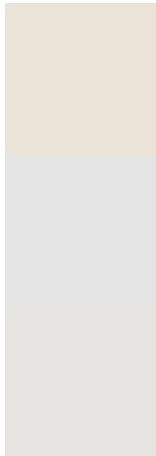
Deuteranomaly

229.1930, -6.0111, 14.7397

Tritanomaly

228.5000, 1.7255, 6.5775

Monochromacy



Original Color

227.5400, -5.6892, 4.7884

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.1420, -2.0420, 1.6295

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.5400, -5.6892, 4.7884 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(233, 227, 216)` looks like.

```
.text, #text, p{  
    color:rgb(233, 227, 216)  
}
```

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(233, 227, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 216) }
```

Border

The CSS property to change the border of an element to YUV 227.5400, -5.6892, 4.7884 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(233, 227, 216) }
```


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

```
.border{ border-color:rgb(233, 227, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 227, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 216);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 227.5400, -5.6892, 4.7884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 216) }
```

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

```
.background{ background-color: rgb(233,  
227, 216) }
```

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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