

Converting Colors

YUV(229.3120, -6.5628, 4.9884)

Have a look what the booklet for
YUV(229.3120, -6.5628, 4.9884)
contains.

YUV(229.3120, -6.5628, 4.9884)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(229.3120, -6.5628,
4.9884)**

Conversions

Conversions Part 1

Format	Color
Hex	EBE5D8
RGB	235, 229, 216
RGB Percent	92%, 90%, 85%
CMY	0.0784, 0.1020, 0.1529
CMYK	0.00, 0.03, 0.08, 0.08
HSL	41°, 32%, 88%
HSV	41°, 8%, 92%
XYZ	74.6749, 78.6587, 76.2126
YIQ	229.3120, 7.7490, -2.7710

Conversions

Conversions Part 2

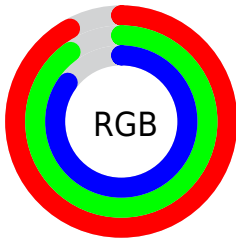
Format	Color
R _Y B	225, 235, 216
Decimal	15459800
CIE Lab	91.08, -0.18, 7.04
CIE LCh	91, 7.046, 91.469
Yxy	78.6587, 0.3253, 0.3427
Android (android.graphics.Color)	4293649880 (0xFFE5D8)
YUV	229.3120, -6.5628, 4.9884
Hunter-Lab	88.6897, -4.9136, 11.1339

Details

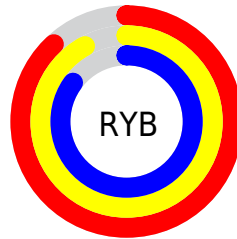
The YUV color $229.3120, -6.5628, 4.9884$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $221.6880, 6.5628, -4.9884$, and the grayscale version is $229.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $174.0130, -6.4154, 4.3736$ is the 20% darker color. If you saturate the color by 10%, you get $222.5810, -14.5834, 10.8915$, and if you desaturate by 10%, it is $236.1570, 1.8946, -1.0147$.

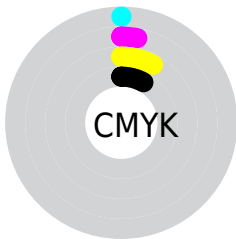
Distribution



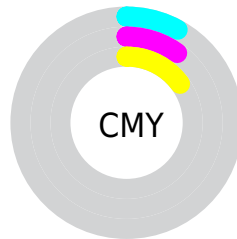
- Red (92%)
- Green (90%)
- Blue (85%)



- Red (88%)
- Yellow (92%)
- Blue (85%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 229.3120, -6.5628, 4.9884 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 229.3120, -6.5628, 4.9884 by changing the saturation by 10% instead.

■ 229.3120, -6.5628,
4.9884

■ 229.3120, -6.5628,
4.9884

255.0000, 0.0000,
0.0000

■ 201.3120, -6.5628,
4.9884

■ 174.0130, -6.4154,
4.3736

■ 147.1270, -5.9786,
4.2736

■ 121.2410, -5.5418,
4.1736

■ 96.8280, -5.8312,
3.6588

■ 72.9420, -5.3944,
3.5589

■ 50.3550, -5.1050,

4.0737

■ 29.1700, -4.5208,
3.3589

■ 4.1420, -2.0420,
1.6295

■ 229.3120, -6.5628,
4.9884

■ 229.3120, -6.5628,
4.9884

■ 222.5810,
-14.5834, 10.8915

■ 236.1570, 1.8946,
-1.0147

■ 215.1490,
-22.7515, 17.4093

■ 242.5630, 6.1314,
-6.6328

■ 208.4180,
-30.7721, 23.3124

■ 246.6720, 4.1057,
-10.2363

■ 200.9860,
-38.9401, 29.8303

■ 249.0200, 2.9481,
-12.2955

■ 194.1410,
-47.3975, 35.8333

■ 186.8230,
-55.1287, 42.2512

■ 180.0920,
-63.1494, 48.1543

■ 173.2470,
-71.6068, 54.1574

■ 165.8150,
-79.7748, 60.6752

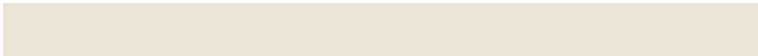
Harmonies

Analogous

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



230.1600, -5.9949, 9.5067



229.3120, -6.5628, 4.9884



228.3220, -5.0887, -1.1594

Triad

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



229.3120, -6.5628, 4.9884



227.3620, 4.2585, -12.5955



231.0270, 2.4517, 6.9923

Complementary

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



229.3120, -6.5628, 4.9884



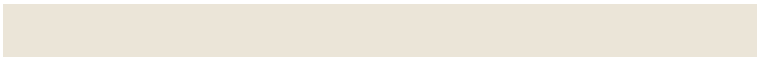
221.6880, 6.5628, -4.9884

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.



230.3790, 5.2362, 0.5446



229.3120, -6.5628, 4.9884



228.2420, 6.2897, -10.7362

Square

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



229.3120, -6.5628, 4.9884



227.7490, 0.6167, -11.1809



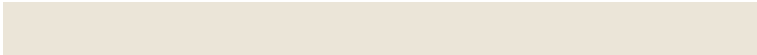
229.3890, 6.7102, -5.6032



231.1370, -1.0535, 11.2809

Rectangle

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



229.3120, -6.5628, 4.9884



227.7560, -3.3307, -5.0480



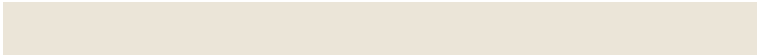
229.3890, 6.7102, -5.6032



230.6570, 3.6201, 5.5628

Sweetspot

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



229.3120, -6.5628, 4.9884



253.2560, -1.6052, 1.5295



222.3650, -0.1799, 11.0809



127.0710, -1.0210, 0.8147



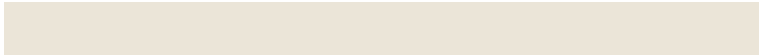
0.0000, 0.0000, 0.0000



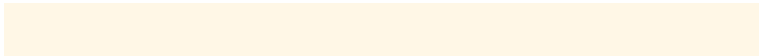
128.0000, 0.0000, 0.0000

Same Dimension

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



229.3120, -6.5628, 4.9884



247.4540, -8.6048, 6.6178



231.9370, -7.8569, 0.0553



113.9850, -3.9366, 2.6442



126.9070, -62.5652, 47.4396



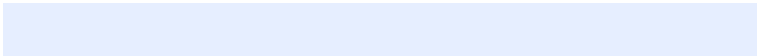
37.8650, -18.6674, 14.1504

Inverse Universe

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



221.6880, 6.5628, -4.9884



237.5460, 8.6048, -6.6178



219.0630, 7.8569, -0.0553



109.0150, 3.9366, -2.6442



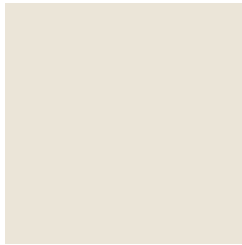
54.0930, 62.5652, -47.4396



16.1350, 18.6674, -14.1504

Previews

White Background



This preview shows how the YUV color 229.3120, -6.5628, 4.9884 looks on a white background.

Color Contrast Check

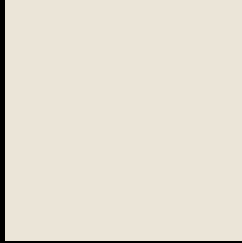
Large Text (above 18pt) WCAG AA × Fail

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 229.3120, -6.5628, 4.9884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

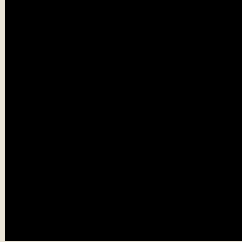
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

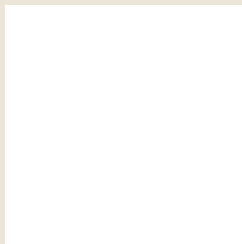
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 229.3120, -6.5628, 4.9884

Background



This preview shows how black text looks on a background with the YUV color 229.3120, -6.5628, 4.9884.



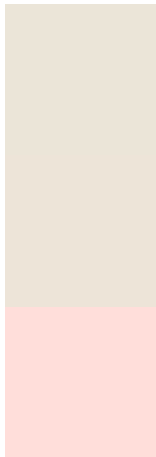
This preview shows how white text looks on a background with the YUV color 229.3120, -6.5628,

4.9884.

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

229.3120, -6.5628, 4.9884

Protanopia

229.3230, -6.5682, 6.7327

Deuteranopia

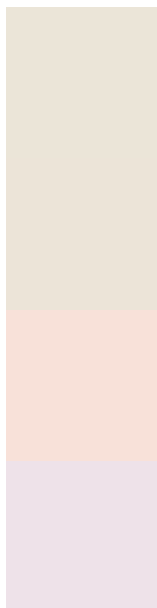
231.4110, -6.6116, 20.6876



Tritanopia

231.2380, 5.7987, 6.8073

Trichromacy



Original Color

229.3120, -6.5628, 4.9884

Protanomaly

229.0240, -6.4208, 6.1180

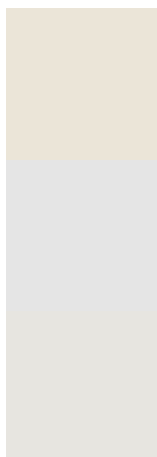
Deuteranomaly

230.9650, -6.8847, 14.9397

Tritanomaly

230.3860, 1.2887, 6.6775

Monochromacy



Original Color

229.3120, -6.5628, 4.9884

Achromatopsia

229.0000, 0.0000, 0.0000

Achromatomaly

229.0280, -2.4788, 1.7294

CSS Examples

Text

The CSS property to change the color of the text to YUV 229.3120, -6.5628, 4.9884 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(235, 229, 216)` looks like.

```
.text, #text, p{  
    color:rgb(235, 229, 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(235, 229, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 229, 216) }
```

Border

The CSS property to change the border of an element to YUV 229.3120, -6.5628, 4.9884 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(235, 229, 216) }
```


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

```
.border{ border-color:rgb(235, 229, 216) }
```

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

Here you see how a box with a 4 pixel rgb(235, 229, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 229, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 229, 216);  
box-shadow:4px 4px 4px 4px rgb(235, 229,  
216) }
```

Background

The CSS property to change the background color of an element to YUV 229.3120, -6.5628, 4.9884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 229, 216) }
```

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

```
.background{ background-color: rgb(235,  
229, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor