

Converting Colors

YUV(227.9300, -0.4585, 7.0774)

Have a look what the booklet for
YUV(227.9300, -0.4585, 7.0774)
contains.

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Color

**YUV(227.9300, -0.4585,
7.0774)**

Conversions

Conversions Part 1

Format	Color
Hex	ECE0E3
RGB	236, 224, 227
RGB Percent	93%, 88%, 89%
CMY	0.0745, 0.1216, 0.1098
CMYK	0.00, 0.05, 0.04, 0.07
HSL	345°, 24%, 90%
HSV	345°, 5%, 93%
XYZ	75.1129, 76.6902, 83.5169
YIQ	227.9300, 6.1890, 3.4770

Conversions

Conversions Part 2

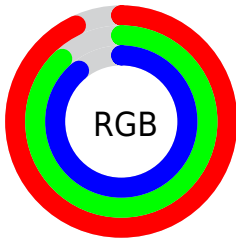
Format	Color
R _Y B	236, 224, 227
Decimal	15524067
CIE Lab	90.18, 4.60, -0.01
CIE LCh	90, 4.602, 359.870
Yxy	76.6902, 0.3192, 0.3259
Android (android.graphics.Color)	4293714147 (0xFFECE0E3)
YUV	227.9300, -0.4585, 7.0774
Hunter-Lab	87.5730, -0.1501, 4.7572

Details

The YUV color $227.9300, -0.4585, 7.0774$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.0700, 0.4585, -7.0774$, 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 $172.6310, -0.3111, 6.4626$ is the 20% darker color. If you saturate the color by 10%, you get $211.7900, -1.3755, 21.2322$, and if you desaturate by 10%, it is $244.0700, 0.4585, -7.0774$.

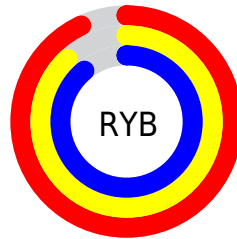
Distribution



Red (93%)

Green (88%)

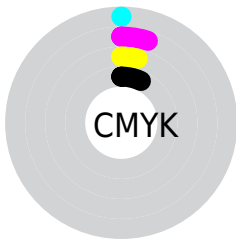
Blue (89%)



Red (93%)

Yellow (88%)

Blue (89%)

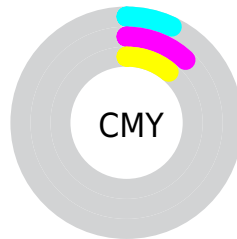


Cyan (0%)

Magenta (5%)

Yellow (4%)

Black (7%)



Cyan (7%)

Magenta (12%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 227.9300, -0.4585, 7.0774 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 227.9300, -0.4585, 7.0774 by changing the saturation by 10% instead.

■ 227.9300, -0.4585,
7.0774

■ 227.9300, -0.4585,
7.0774

255.0000, 0.0000,
0.0000

■ 199.9300, -0.4585,
7.0774

■ 172.6310, -0.3111,
6.4626

■ 145.6310, -0.3111,
6.4626

■ 120.3320, -0.1637,
5.8478

■ 95.3320, -0.1637,
5.8478

■ 71.9190, -0.4531,
5.3330

■ 49.0330, -0.0163,

5.2331

■ 28.6200, -0.3057,
4.7183

■ 3.7020, -1.3321,
7.2773

■ 227.9300, -0.4585,
7.0774

■ 227.9300, -0.4585,
7.0774

■ 211.7900, -1.3755,
21.2322

■ 244.0700, 0.4585,
-7.0774

■ 196.3510, -2.1450,
34.7722

■ 249.3190, 2.8007,
-11.6808

■ 180.2110, -3.0620,
48.9270

■ 164.6580, -4.2684,
62.5669

■ 148.5180, -5.1854,
76.7217

■ 132.4920, -5.6656,
90.7765

■ 116.9390, -6.8719,
104.4165

■ 100.7990, -7.7889,
118.5713

■ 85.3600, -8.5585,
132.1113

Harmonies

Analogous

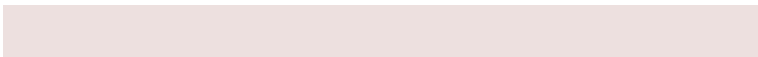
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.0760, 1.4415, 4.3183



227.9300, -0.4585, 7.0774



227.7730, -2.3531, 8.0921

Triad

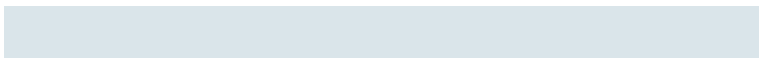
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



227.9300, -0.4585, 7.0774



226.3760, -3.6364, -0.3298



226.2810, 3.8055, -7.2624

Complementary

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



227.9300, -0.4585, 7.0774



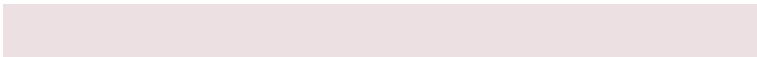
232.0700, 0.4585, -7.0774

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.



225.3410, 2.7899, -8.1921



227.9300, -0.4585, 7.0774



225.8100, -1.8783, -4.2184

Square

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



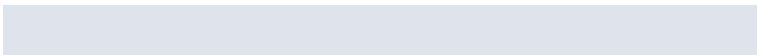
227.9300, -0.4585, 7.0774



227.1700, -4.5208, 3.3589



225.7710, 0.6059, -7.6922



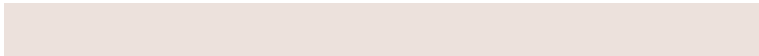
226.8300, 4.5208, -3.3589

Rectangle

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



227.9300, -0.4585, 7.0774



227.7190, -3.8055, 7.2624



225.7710, 0.6059, -7.6922



225.8680, 3.5161, -7.7772

Sweetspot

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



227.9300, -0.4585, 7.0774



251.6090, -0.3002, 2.9739



228.0590, 3.9149, 4.3333



126.0110, -0.0054, 1.7444



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

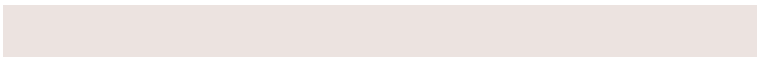
The Same Dimension uses a secret algorithm to generate beautiful new colors.



227.9300, -0.4585, 7.0774



244.9410, -0.4639, 8.8217



229.3490, -2.6371, 5.8329



111.6200, -0.3057, 4.7183



59.2490, -7.0248, 106.7756



17.6280, -2.2816, 31.8982

Inverse Universe

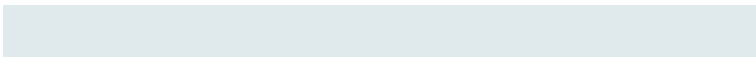
The Inverse Universe completely reimagines the original color for something new.



227.9300, -0.4585, 7.0774



244.9410, -0.4639, 8.8217



230.6510, 2.6371, -5.8329



111.6200, -0.3057, 4.7183



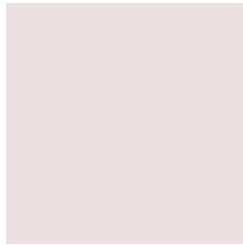
59.2490, -7.0248, 106.7756



17.6280, -2.2816, 31.8982

Previews

White Background



This preview shows how the YUV color 227.9300, -0.4585, 7.0774 looks on a white background.

Color Contrast Check

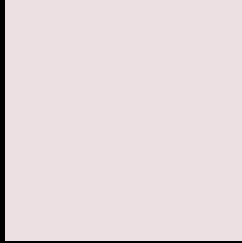
Large Text (above 18pt) WCAG AA × Fail

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 227.9300, -0.4585, 7.0774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

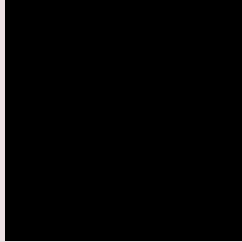
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

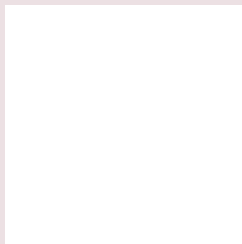
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 227.9300, -0.4585, 7.0774

Background



This preview shows how black text looks on a background with the YUV color 227.9300, -0.4585, 7.0774.



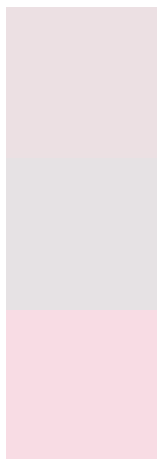
This preview shows how white text looks on a background with the YUV color 227.9300, -0.4585,

7.0774.

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

227.9300, -0.4585, 7.0774

Protanopia

227.4240, 0.2840, 2.2592

Deuteranopia

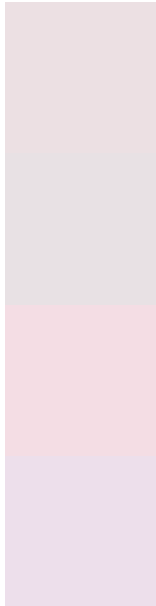
229.2840, -0.6330, 16.4139



Tritanopia

228.8360, 5.5039, 8.0368

Trichromacy



Original Color

227.9300, -0.4585, 7.0774

Protanomaly

227.4350, 0.2785, 4.0035

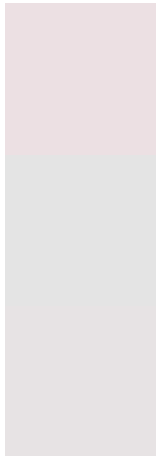
Deuteranomaly

228.6750, -0.3328, 13.4400

Tritanomaly

228.5540, 3.1779, 7.4071

Monochromacy



Original Color

227.9300, -0.4585, 7.0774

Achromatopsia

228.0000, 0.0000, 0.0000

Achromatomaly

228.3100, -0.1528, 2.3591

CSS Examples

Text

The CSS property to change the color of the text to YUV 227.9300, -0.4585, 7.0774 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(236, 224, 227)` looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 227)  
}
```

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(236, 224, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 227) }
```

Border

The CSS property to change the border of an element to YUV 227.9300, -0.4585, 7.0774 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(236, 224, 227) }
```


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

```
.border{ border-color:rgb(236, 224, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 224, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 227);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
227) }
```

Background

The CSS property to change the background color of an element to YUV 227.9300, -0.4585, 7.0774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 227) }
```

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

```
.background{ background-color: rgb(236,  
224, 227) }
```

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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