

Converting Colors

YUV(226.7130, -1.3375, 9.0217)

Have a look what the booklet for
YUV(226.7130, -1.3375, 9.0217)
contains.

YUV(226.7130, -1.3375, 9.0217)	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(226.7130, -1.3375,
9.0217)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDEE0
RGB	237, 222, 224
RGB Percent	93%, 87%, 88%
CMY	0.0706, 0.1294, 0.1216
CMYK	0.00, 0.06, 0.05, 0.07
HSL	352°, 29%, 90%
HSV	352°, 6%, 93%
XYZ	74.5009, 75.6289, 81.1922
YIQ	226.7130, 8.2980, 3.8020

Conversions

Conversions Part 2

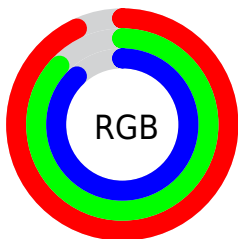
Format	Color
R _Y B	237, 222, 224
Decimal	15589088
CIE Lab	89.69, 5.46, 0.86
CIE LCh	90, 5.531, 8.901
Yxy	75.6289, 0.3221, 0.3269
Android (android.graphics.Color)	4293779168 (0xFFEDDEE0)
YUV	226.7130, -1.3375, 9.0217
Hunter-Lab	86.9649, 0.7284, 5.5210

Details

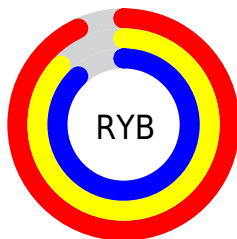
The YUV color $226.7130, -1.3375, 9.0217$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $232.2870, 1.3375, -9.0217$, and the grayscale version is $227.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $171.4140, -1.1901, 8.4069$ is the 20% darker color. If you saturate the color by 10%, you get $210.2310, -3.5649, 23.4764$, and if you desaturate by 10%, it is $243.1950, 0.8899, -5.4330$.

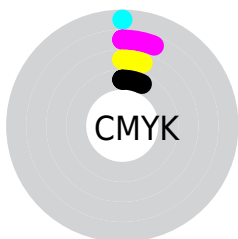
Distribution



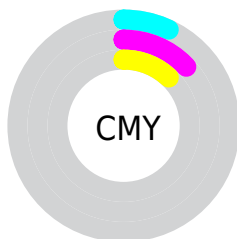
- Red (93%)
- Green (87%)
- Blue (88%)



- Red (93%)
- Yellow (87%)
- Blue (88%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (7%)



- Cyan (7%)
- Magenta (13%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 226.7130, -1.3375, 9.0217 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 226.7130, -1.3375, 9.0217 by changing the saturation by 10% instead.

226.7130, -1.3375,
9.0217

226.7130, -1.3375,
9.0217

255.0000, 0.0000,
0.0000

198.7130, -1.3375,
9.0217

171.4140, -1.1901,
8.4069

145.0010, -1.4795,
7.8921

119.1150, -1.0427,
7.7921

94.1150, -1.0427,
7.7921

70.8160, -0.8953,
7.1774

48.5170, -0.7479,

6.5626

■ 27.2180, -0.6005,
5.9478

■ 3.2890, -1.6215,
6.7625

■ 226.7130, -1.3375,
9.0217

■ 226.7130, -1.3375,
9.0217

■ 210.2310, -3.5649,
23.4764

■ 243.1950, 0.8899,
-5.4330

■ 194.4500, -5.6448,
37.3164

■ 249.6180, 2.6533,
-11.0660

■ 177.9680, -7.8722,
51.7711

■ 161.6000, -9.6628,
66.1258

■ 145.1180,
-11.8902, 80.5805

■ 129.3370,
-13.9701, 94.4205

■ 112.8550,
-16.1975, 108.8752

■ 96.4870, -17.9881,
123.2299

■ 80.5920, -20.5049,
137.1698

Harmonies

Analogous

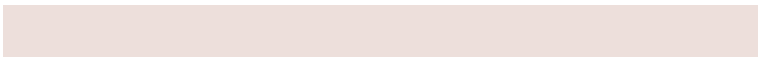
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



226.3860, 1.2887, 6.6775



226.7130, -1.3375, 9.0217



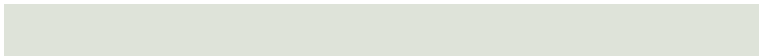
226.7300, -3.8109, 9.0068

Triad

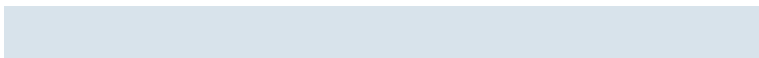
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



226.7130, -1.3375, 9.0217



224.3650, -3.6309, -2.0741



224.6230, 5.1159, -7.5624

Complementary

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



226.7130, -1.3375, 9.0217



232.2870, 1.3375, -9.0217

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.



223.9710, 3.9583, -9.6216



226.7130, -1.3375, 9.0217



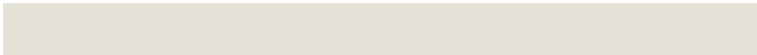
223.9130, -1.4361, -6.0627

Square

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



226.7130, -1.3375, 9.0217



225.3440, -5.0996, 2.3293



223.9880, 1.4849, -9.6365



225.3570, 5.2470, -2.9441

Rectangle

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



226.7130, -1.3375, 9.0217



225.9040, -4.3897, 7.9772



223.9880, 1.4849, -9.6365



224.7970, 4.5371, -8.5920

Sweetspot

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



226.7130, -1.3375, 9.0217



251.6090, -0.3002, 2.9739



227.5970, 4.6357, 6.4924



125.8970, -0.4422, 1.8443



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.



226.7130, -1.3375, 9.0217



241.2080, -2.0745, 12.0956



229.4200, -3.6581, 6.6477



109.4030, -1.1847, 6.6626



56.8550, -16.1975, 108.8752



16.9440, -4.9024, 32.4981

Inverse Universe

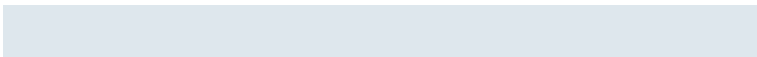
The Inverse Universe completely reimagines the original color for something new.



226.7130, -1.3375, 9.0217



241.2080, -2.0745, 12.0956



228.9930, 3.9475, -6.1329



109.4030, -1.1847, 6.6626



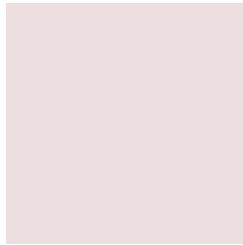
56.8550, -16.1975, 108.8752



16.9440, -4.9024, 32.4981

Previews

White Background



This preview shows how the YUV color 226.7130, -1.3375, 9.0217 looks on a white background.

Color Contrast Check

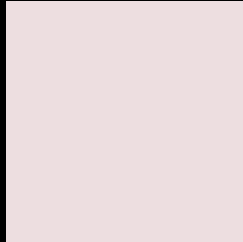
Large Text (above 18pt) WCAG AA × Fail

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 226.7130, -1.3375, 9.0217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

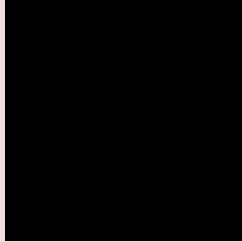
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

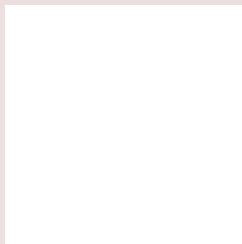
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 226.7130, -1.3375, 9.0217

Background



This preview shows how black text looks on a background with the YUV color 226.7130, -1.3375, 9.0217.

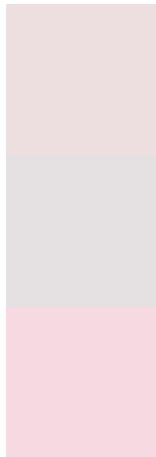


This preview shows how white text looks on a background with the YUV color 226.7130, -1.3375,

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

226.7130, -1.3375, 9.0217

Protanopia

225.6090, -0.3002, 2.9739

Deuteranopia

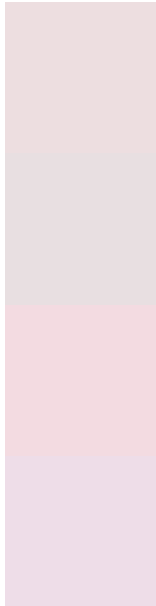
227.4690, -1.2172, 17.1287



Tritanopia

227.6190, 4.6248, 9.9811

Trichromacy



Original Color

226.7130, -1.3375, 9.0217

Protanomaly

225.9190, -0.4531, 5.3330

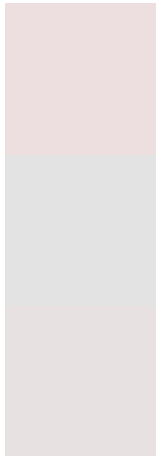
Deuteranomaly

226.8600, -0.9170, 14.1548

Tritanomaly

227.3370, 2.2989, 9.3515

Monochromacy



Original Color

226.7130, -1.3375, 9.0217

Achromatopsia

227.0000, 0.0000, 0.0000

Achromatomaly

226.9080, -0.4476, 3.5887

CSS Examples

Text

The CSS property to change the color of the text to YUV 226.7130, -1.3375, 9.0217 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(237, 222, 224)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 224)  
}
```

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(237, 222, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 224) }
```

Border

The CSS property to change the border of an element to YUV 226.7130, -1.3375, 9.0217 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(237, 222, 224) }
```


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

```
.border{ border-color:rgb(237, 222, 224) }
```

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

Here you see how a box with a 4 pixel rgb(237, 222, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 224);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 226.7130, -1.3375, 9.0217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 224) }
```

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

```
.background{ background-color: rgb(237,  
222, 224) }
```

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