

Converting Colors

YUV(224.6970, -0.3436,
16.9287)

Have a look what the booklet for
YUV(224.6970, -0.3436, 16.9287)
contains.

YUV(224.6970, -0.3436, 16.9287)	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(224.6970, -0.3436,
16.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D7E0
RGB	244, 215, 224
RGB Percent	96%, 84%, 88%
CMY	0.0431, 0.1569, 0.1216
CMYK	0.00, 0.12, 0.08, 0.04
HSL	341°, 57%, 90%
HSV	341°, 12%, 96%
XYZ	75.0632, 73.2158, 80.6968
YIQ	224.6970, 14.3950, 8.9470

Conversions

Conversions Part 2

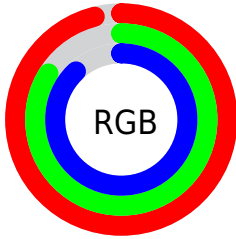
Format	Color
RYB	244, 215, 224
Decimal	16046048
CIELab	88.55, 11.52, -0.73
CIELCh	89, 11.542, 356.356
Yxy	73.2158, 0.3278, 0.3198
Android (android.graphics.Color)	4294236128 (0xFFFF4D7E0)
YUV	224.6970, -0.3436, 16.9287
Hunter-Lab	85.5662, 6.8487, 3.9804

Details

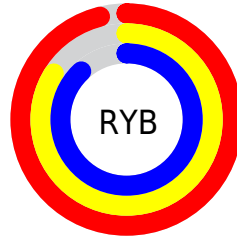
The YUV color $224.6970, -0.3436, 16.9287$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $234.3030, 0.3436, -16.9287$, and the grayscale version is $225.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $169.3980, -0.1962, 16.3140$ is the 20% darker color. If you saturate the color by 10%, you get $208.6710, -0.8238, 30.9835$, and if you desaturate by 10%, it is $240.7230, 0.1366, 2.8739$.

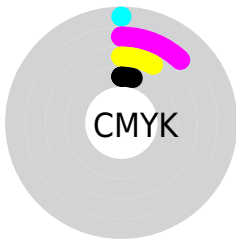
Distribution



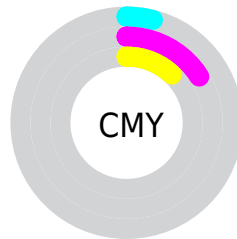
- Red (96%)
- Green (84%)
- Blue (88%)



- Red (96%)
- Yellow (84%)
- Blue (88%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 224.6970, -0.3436, 16.9287 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 224.6970, -0.3436, 16.9287 by changing the saturation by 10% instead.

 224.6970, -0.3436,
16.9287

 224.6970, -0.3436,
16.9287


255.0000, 0.0000,
0.0000


 196.3980, -0.1962,
16.3140

 169.3980, -0.1962,
16.3140

 142.9850, -0.4856,
15.7992

 117.3870, -0.1908,
14.5696

 92.3870, -0.1908,
14.5696

 68.7890, 0.1040,
13.3400

 46.4900, 0.2514,

12.7253

■ 25.4790, 0.2569,
10.9809

■ 3.8870, -1.9163,
7.9921

■ 224.6970, -0.3436,
16.9287

■ 224.6970, -0.3436,
16.9287

■ 208.6710, -0.8238,
30.9835

■ 240.7230, 0.1366,
2.8739

■ 192.0580, -1.0146,
45.5531

■ 251.7110, 1.6215,
-6.7625

■ 176.1460, -1.0580,
59.5080

■ 159.5330, -1.2488,
74.0776

■ 143.5070, -1.7290,
88.1324

■ 127.4810, -2.2091,
102.1872

■ 110.8680, -2.3999,
116.7568

■ 94.8420, -2.8801,
130.8116

■ 81.6200, -2.7707,
142.4073

Harmonies

Analogous

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



224.7330, 5.0616, 9.8812



224.6970, -0.3436, 16.9287



224.0410, -5.4432, 19.2580

Triad

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



224.6970, -0.3436, 16.9287



221.1820, -9.4567, -0.1596



220.1100, 9.8058, -18.5135

Complementary

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



224.6970, -0.3436, 16.9287



234.3030, 0.3436, -16.9287

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.



219.1760, 6.3222, -21.2024



224.6970, -0.3436, 16.9287



219.3810, -4.6248, -9.9811

Square

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



224.6970, -0.3436, 16.9287



222.1940, -10.9416, 9.4769



219.0040, 0.4910, -17.5435



221.7950, 10.9471, -11.2212

Rectangle

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



224.6970, -0.3436, 16.9287



223.9330, -8.3480, 17.5988



219.0040, 0.4910, -17.5435



219.8710, 8.9376, -20.0579

Sweetspot

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



224.6970, -0.3436, 16.9287



248.3320, -0.1637, 5.8478



224.2860, 9.7190, 9.3962



123.3210, -0.1583, 4.1035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

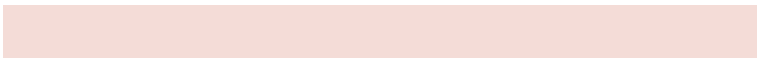
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.6970, -0.3436, 16.9287



231.0180, -0.5019, 21.0322



226.6060, -5.7218, 15.2545



114.0440, -0.0217, 6.9774



62.2260, -2.0834, 108.5498



19.6930, -0.8346, 34.4722

Inverse Universe

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



224.6970, -0.3436, 16.9287



231.0180, -0.5019, 21.0322



232.3940, 5.7218, -15.2545



114.0440, -0.0217, 6.9774



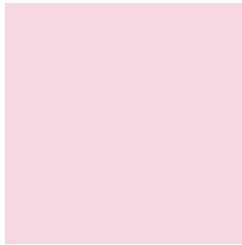
62.2260, -2.0834, 108.5498



19.6930, -0.8346, 34.4722

Previews

White Background



This preview shows how the YUV color 224.6970, -0.3436, 16.9287 looks on a white background.

Color Contrast Check

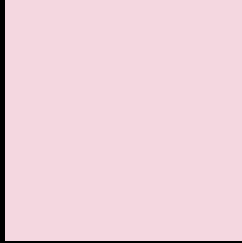
Large Text (above 18pt) WCAG AA × Fail

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 224.6970, -0.3436, 16.9287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

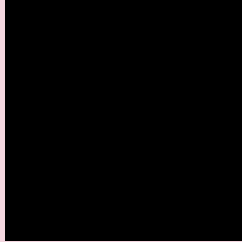
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 224.6970, -0.3436, 16.9287

Background



This preview shows how black text looks on a background with the YUV color 224.6970, -0.3436, 16.9287.

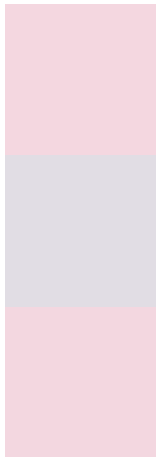


This preview shows how white text looks on a background with the YUV color 224.6970, -0.3436,

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

224.6970, -0.3436, 16.9287

Protanopia

222.9940, 2.4680, 1.7593

Deuteranopia

224.3980, -0.1962, 16.3140



Tritanopia

225.2070, 2.8559, 17.3585

Trichromacy



Original Color

224.6970, -0.3436, 16.9287

Protanomaly

223.7990, 1.5781, 7.1923

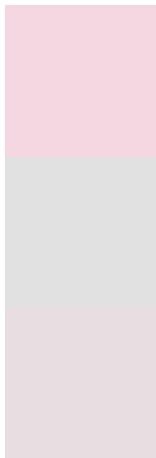
Deuteranomaly

224.3980, -0.1962, 16.3140

Tritanomaly

224.8650, 1.5456, 17.6584

Monochromacy



Original Color

224.6970, -0.3436, 16.9287

Achromatopsia

225.0000, 0.0000, 0.0000

Achromatomaly

224.7450, 0.1257, 6.3626

CSS Examples

Text

The CSS property to change the color of the text to YUV 224.6970, -0.3436, 16.9287 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(244, 215, 224)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 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(244, 215, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 224) }
```

Border

The CSS property to change the border of an element to YUV 224.6970, -0.3436, 16.9287 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(244, 215, 224) }
```


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

```
.border{ border-color:rgb(244, 215, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 224);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 224.6970, -0.3436, 16.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 224) }
```

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

```
.background{ background-color: rgb(244,  
215, 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