

# Converting Colors

YUV(224.5770, 1.6875, 18.7880)

Have a look what the booklet for  
YUV(224.5770, 1.6875, 18.7880)  
contains.

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# Color

**YUV(224.5770, 1.6875,  
18.7880)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6D5E4
RGB	246, 213, 228
RGB Percent	96%, 84%, 89%
CMY	0.0353, 0.1647, 0.1059
CMYK	0.00, 0.13, 0.07, 0.04
HSL	333°, 65%, 90%
HSV	333°, 13%, 96%
XYZ	75.8039, 72.7828, 83.4520
YIQ	224.5770, 14.8530, 11.6610

# Conversions

## Conversions Part 2

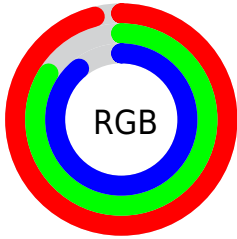
Format	Color
R <sub>Y</sub> B	246, 213, 228
Decimal	16176612
CIE Lab	88.34, 13.92, -3.13
CIE LCh	88, 14.271, 347.345
Yxy	72.7828, 0.3267, 0.3137
Android (android.graphics.Color)	4294366692 (0xFFFF6D5E4)
YUV	224.5770, 1.6875, 18.7880
Hunter-Lab	85.3128, 9.3070, 1.7222

# Details

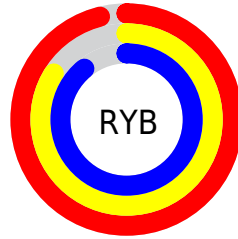
The YUV color  $224.5770, 1.6875, 18.7880$  is a light color, and the websafe version is hex  $\text{FFCCCC}$ . A complement of this color would be  $234.4230, -1.6875, -18.7880$ , and the grayscale version is  $225.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $169.2780, 1.8349, 18.1732$  is the 20% darker color. If you saturate the color by 10%, you get  $208.4200, 3.2439, 32.9577$ , and if you desaturate by 10%, it is  $240.7340, 0.1311, 4.6183$ .

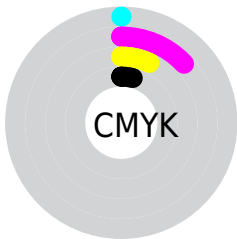
# Distribution



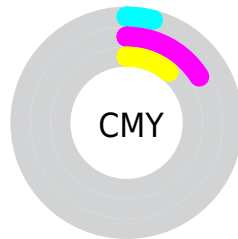
- Red (96%)
- Green (84%)
- Blue (89%)



- Red (96%)
- Yellow (84%)
- Blue (89%)



- Cyan (0%)
- Magenta (13%)
- Yellow (7%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 224.5770, 1.6875, 18.7880 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 224.5770, 1.6875, 18.7880 by changing the saturation by 10% instead.




 224.5770, 1.6875,  
18.7880


 224.5770, 1.6875,  
18.7880


255.0000, 0.0000,  
0.0000


 196.2780, 1.8349,  
18.1732

 169.2780, 1.8349,  
18.1732

 142.5660, 1.6930,  
17.0436

 117.1530, 1.4036,  
16.5288

 91.9680, 1.9878,  
15.8141

 68.5550, 1.6984,  
15.2993

 45.9570, 1.9932,

14.0697

■ 25.2450, 1.8512,  
12.9401

■ 4.8980, -1.9217,  
9.7365

■ 224.5770, 1.6875,  
18.7880

■ 224.5770, 1.6875,  
18.7880

■ 208.4200, 3.2439,  
32.9577

■ 240.7340, 0.1311,  
4.6183

■ 192.7360, 4.0742,  
46.7125

■ 252.3090, 1.3267,  
-5.5330

■ 176.5790, 5.6306,  
60.8822

■ 160.8950, 6.4608,  
74.6371

■ 144.7380, 8.0172,  
88.8068

■ 128.4670, 9.1368,  
103.0764

■ 112.8970, 10.4038,  
116.7313

■ 96.7400, 11.9602,  
130.9010

■ 86.3220, 12.6593,  
140.0376

# Harmonies

## Analogous

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



224.1180, 7.8298, 8.6665



224.5770, 1.6875, 18.7880



224.4760, -5.1647, 23.2615

# Triad

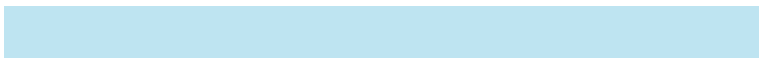
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



224.5770, 1.6875, 18.7880



220.2210, -11.9410, 3.3142



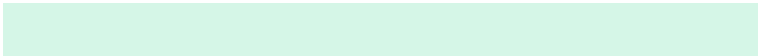
218.1200, 11.2798, -24.6612

# Complementary

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



224.5770, 1.6875, 18.7880



234.4230, -1.6875, -18.7880

# 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.



217.3280, 5.7543, -25.7207



224.5770, 1.6875, 18.7880



218.8820, -7.8298, -8.6665

# Square

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



224.5770, 1.6875, 18.7880



222.2440, -13.4313, 14.6950



217.2380, -1.1033, -19.5027



220.4460, 13.5841, -17.0541

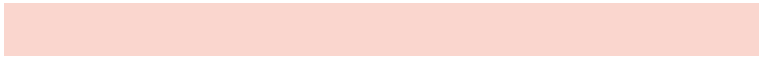


# Rectangle

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



224.5770, 1.6875, 18.7880



223.8520, -8.8010, 22.9318



217.2380, -1.1033, -19.5027



217.7670, 9.9749, -26.1057

# Sweetspot

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



224.5770, 1.6875, 18.7880



248.4460, 0.2731, 5.7479



222.1440, 11.7610, 7.7667



123.4350, 0.2785, 4.0035



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

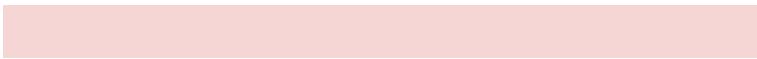
The Same Dimension uses a secret algorithm to generate beautiful new colors.



224.5770, 1.6875, 18.7880



228.4250, 2.2555, 23.3063



223.4540, -5.1538, 19.7728



114.2720, 0.8519, 6.7775



65.3040, 9.7101, 105.8504



20.7190, 3.0965, 33.5724



# Inverse Universe

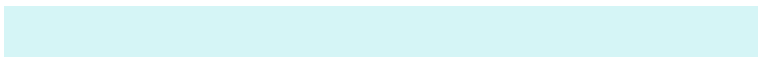
The Inverse Universe completely reimagines the original color for something new.



224.5770, 1.6875, 18.7880



228.4250, 2.2555, 23.3063



235.5460, 5.1538, -19.7728



114.2720, 0.8519, 6.7775



65.3040, 9.7101, 105.8504

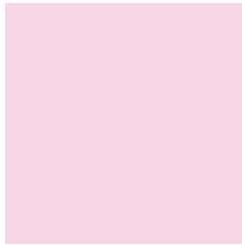


20.7190, 3.0965, 33.5724



# Previews

## White Background



This preview shows how the YUV color 224.5770, 1.6875, 18.7880 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

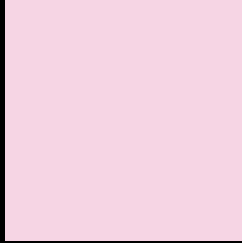
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 224.5770, 1.6875, 18.7880 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

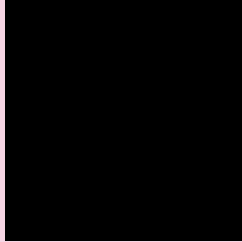
Any Text WCAG AA ✓ Pass

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 224.5770, 1.6875, 18.7880 Background



This preview shows how black text looks on a background with the YUV color 224.5770, 1.6875, 18.7880.



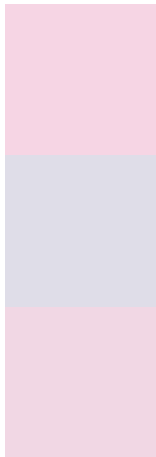
This preview shows how white text looks on a background with the YUV color 224.5770, 1.6875,

18.7880.

# 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

224.5770, 1.6875, 18.7880

### Protanopia

222.8520, 4.5100, 0.1298

### Deuteranopia

224.2560, 1.8458, 14.6845



## Tritanopia

224.6910, 2.1243, 18.6880

# Trichromacy



## Original Color

224.5770, 1.6875, 18.7880

## Protanomaly

223.3690, 3.7621, 6.6924

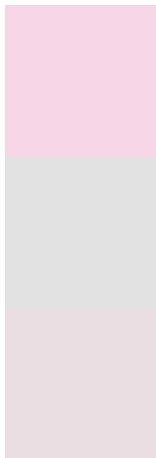
## Deuteranomaly

224.2670, 1.8404, 16.4288

## Tritanomaly

224.6910, 2.1243, 18.6880

# Monochromacy



## Original Color

224.5770, 1.6875, 18.7880

## Achromatopsia

225.0000, 0.0000, 0.0000

## Achromatomaly

225.1580, 0.4151, 6.8774

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 224.5770, 1.6875, 18.7880 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(246, 213, 228)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 228)  
}
```

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(246, 213, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 228) }
```

## Border

The CSS property to change the border of an element to YUV 224.5770, 1.6875, 18.7880 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(246, 213, 228) }
```



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

```
.border{ border-color:rgb(246, 213, 228) }
```

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

Here you see how a box with a 4 pixel rgb(246, 213, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 228);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
228) }
```

# Background

The CSS property to change the background color of an element to YUV 224.5770, 1.6875, 18.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 228) }
```

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

```
.background{ background-color: rgb(246,  
213, 228) }
```

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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