

# Converting Colors

YUV(229.5460, -4.7062,  
16.1842)

Have a look what the booklet for  
YUV(229.5460, -4.7062, 16.1842)  
contains.

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# Color

**YUV(229.5460, -4.7062,  
16.1842)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8DEDC
RGB	248, 222, 220
RGB Percent	97%, 87%, 86%
CMY	0.0275, 0.1294, 0.1373
CMYK	0.00, 0.10, 0.11, 0.03
HSL	4°, 67%, 92%
HSV	4°, 11%, 97%
XYZ	77.7509, 77.3663, 78.5454
YIQ	229.5460, 16.1380, 4.8900

# Conversions

## Conversions Part 2

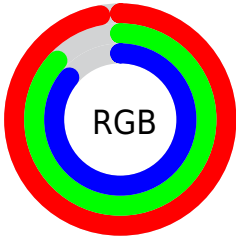
Format	Color
R <sub>Y</sub> B	248, 222, 220
Decimal	16309980
CIE Lab	90.49, 8.61, 4.23
CIE LCh	90, 9.595, 26.179
Yxy	77.3663, 0.3327, 0.3311
Android (android.graphics.Color)	4294500060 (0xFF F8DEDC)
YUV	229.5460, -4.7062, 16.1842
Hunter-Lab	87.9581, 3.8591, 8.6255

# Details

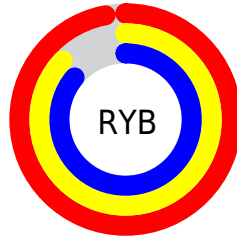
The YUV color  $229.5460, -4.7062, 16.1842$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $238.4540, 4.7062, -16.1842$ , and the grayscale version is  $230.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $173.9480, -4.4114, 14.9546$  is the 20% darker color. If you saturate the color by 10%, you get  $213.1950, -8.9701, 30.5240$ , and if you desaturate by 10%, it is  $245.8970, -0.4422, 1.8443$ .

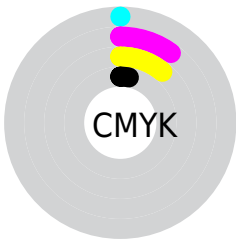
# Distribution



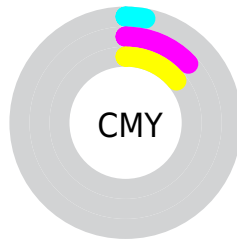
- Red (97%)
- Green (87%)
- Blue (86%)



- Red (97%)
- Yellow (87%)
- Blue (86%)



- Cyan (0%)
- Magenta (10%)
- Yellow (11%)
- Black (3%)



- Cyan (3%)
- Magenta (13%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 229.5460, -4.7062, 16.1842 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 229.5460, -4.7062, 16.1842 by changing the saturation by 10% instead.



229.5460, -4.7062,  
16.1842

229.5460, -4.7062,  
16.1842

255.0000, 0.0000,  
0.0000

201.2470, -4.5588,  
15.5694

173.9480, -4.4114,  
14.9546

147.0620, -3.9746,  
14.8546

121.6490, -4.2640,  
14.3398

96.4640, -3.6798,  
13.6251

72.8660, -3.3849,  
12.3955

50.4530, -3.6743,

11.8807

■ 28.9690, -2.9427,  
10.5512

■ 6.2790, -3.0955,  
12.9103

■ 229.5460, -4.7062,  
16.1842

■ 229.5460, -4.7062,  
16.1842

■ 213.1950, -8.9701,  
30.5240

■ 245.8970, -0.4422,  
1.8443

■ 196.8440,  
-13.2341, 44.8638

■ 252.9070, 1.0318,  
-4.3034

■ 180.6070,  
-17.0613, 59.1037

■ 164.2560,  
-21.3252, 73.4435

■ 147.9050,  
-25.5892, 87.7833

■ 131.5540,  
-29.8531, 102.1231

■ 115.2030,  
-34.1171, 116.4630

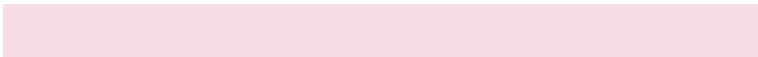
■ 98.9660, -37.9442,  
130.7028

■ 84.7180, -41.7660,  
143.1983

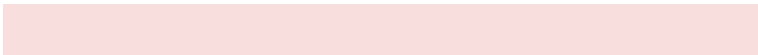
# Harmonies

## Analogous

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



229.9740, -0.4802, 14.0548



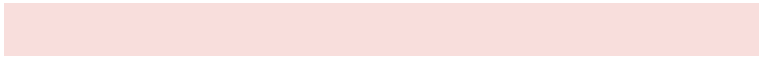
229.5460, -4.7062, 16.1842



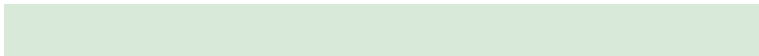
229.0250, -7.9003, 14.0101

# Triad

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



229.5460, -4.7062, 16.1842



225.5060, -4.1935, -8.3368



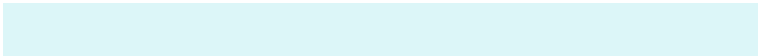
227.3500, 9.1945, -9.0769

# Complementary

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



229.5460, -4.7062, 16.1842



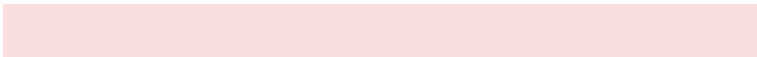
238.4540, 4.7062, -16.1842

# 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.



226.3770, 8.1951, -15.2396



229.5460, -4.7062, 16.1842



224.7270, 0.6276, -14.6696

# Square

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



229.5460, -4.7062, 16.1842



226.9370, -7.8569, 0.0553



224.8560, 5.0010, -17.4137



228.6500, 7.5675, -0.5701



# Rectangle

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



229.5460, -4.7062, 16.1842



228.3620, -9.0525, 10.2065



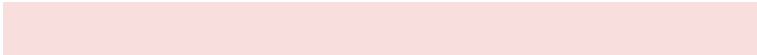
224.8560, 5.0010, -17.4137



226.9260, 8.9105, -11.3361

# Sweetspot

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



229.5460, -4.7062, 16.1842



249.9790, -1.4686, 4.4034



231.3360, 7.2294, 14.6143



124.3810, -1.1738, 3.1739



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

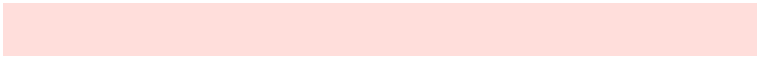


# Same Dimension

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



229.5460, -4.7062, 16.1842



231.5250, -6.1748, 20.5876



237.7640, -8.7577, 8.9770



116.4740, -2.2057, 7.4773



64.1420, -31.6220, 109.5005



20.5870, -10.1494, 35.4422

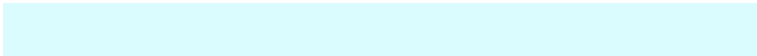


# Inverse Universe

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



238.4540, 4.7062, -16.1842



242.4750, 6.1748, -20.5876



230.2360, 8.7577, -8.9770



120.5260, 2.2057, -7.4773



124.2710, 31.9114, -108.9857

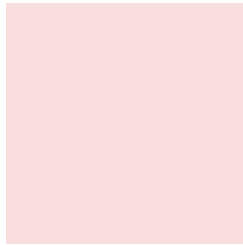


40.4130, 10.1494, -35.4422



# Previews

## White Background



This preview shows how the YUV color 229.5460, -4.7062, 16.1842 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

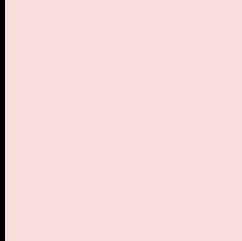
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 229.5460, -4.7062, 16.1842 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

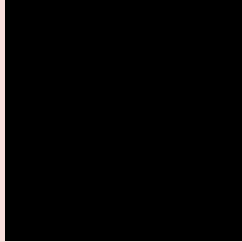
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 229.5460, -4.7062, 16.1842

## Background



This preview shows how black text looks on a background with the YUV color 229.5460, -4.7062, 16.1842.



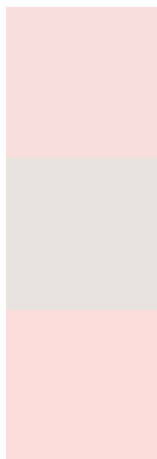
This preview shows how white text looks on a background with the YUV color 229.5460, -4.7062,



# 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

229.5460, -4.7062, 16.1842

### Protanopia

228.3380, -2.6316, 4.0886

### Deuteranopia

229.8670, -4.8644, 20.2876



## **Tritanopia**

230.3210, 3.2927, 17.2585

# Trichromacy



## Original Color

229.5460, -4.7062, 16.1842

## Protanomaly

228.5450, -3.2267, 8.2920

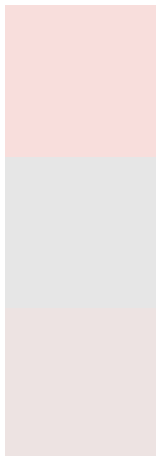
## Deuteranomaly

229.8560, -4.8590, 18.5433

## Tritanomaly

229.9250, 0.5300, 16.7288

# Monochromacy



## Original Color

229.5460, -4.7062, 16.1842

## Achromatopsia

230.0000, 0.0000, 0.0000

## Achromatomaly

229.8760, -1.9109, 6.2477

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 229.5460, -4.7062, 16.1842 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(248, 222, 220)` looks like.

```
.text, #text, p{  
    color:rgb(248, 222, 220)  
}
```

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(248, 222, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 222, 220) }
```

## Border

The CSS property to change the border of an element to YUV 229.5460, -4.7062, 16.1842 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(248, 222, 220) }
```



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

```
.border{ border-color:rgb(248, 222, 220) }
```

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

Here you see how a box with a 4 pixel rgb(248, 222, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 222, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 222, 220);  
box-shadow:4px 4px 4px 4px rgb(248, 222,  
220) }
```

# Background

The CSS property to change the background color of an element to YUV 229.5460, -4.7062, 16.1842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 222, 220) }
```

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

```
.background{ background-color: rgb(248,  
222, 220) }
```

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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