

# Converting Colors

YUV(219.0550, -0.0271, 8.7218)

Have a look what the booklet for  
YUV(219.0550, -0.0271, 8.7218)  
contains.

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# Color

**YUV(219.0550, -0.0271,  
8.7218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5D6DB
RGB	229, 214, 219
RGB Percent	90%, 84%, 86%
CMY	0.1020, 0.1608, 0.1412
CMYK	0.00, 0.07, 0.04, 0.10
HSL	340°, 22%, 87%
HSV	340°, 7%, 90%
XYZ	69.1458, 69.8656, 76.8589
YIQ	219.0550, 7.3350, 4.7350

# Conversions

## Conversions Part 2

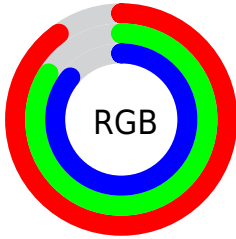
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 214, 219
Decimal	15062747
CIE Lab	86.93, 6.02, -0.61
CIE LCh	87, 6.052, 354.216
Yxy	69.8656, 0.3203, 0.3236
Android (android.graphics.Color)	4293252827 (0xFFE5D6DB)
YUV	219.0550, -0.0271, 8.7218
Hunter-Lab	83.5857, 1.3884, 3.9915

# Details

The YUV color  $219.0550, -0.0271, 8.7218$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $223.9450, 0.0271, -8.7218$ , and the grayscale version is  $219.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $164.0550, -0.0271, 8.7218$  is the 20% darker color. If you saturate the color by 10%, you get  $203.8440, 0.0769, 22.0618$ , and if you desaturate by 10%, it is  $234.2660, -0.1311, -4.6183$ .

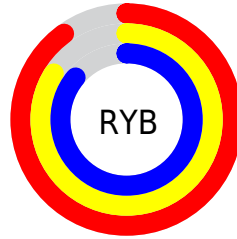
# Distribution



Red (90%)

Green (84%)

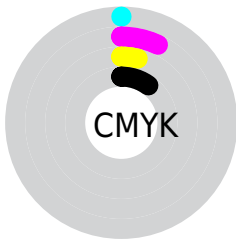
Blue (86%)



Red (90%)

Yellow (84%)

Blue (86%)

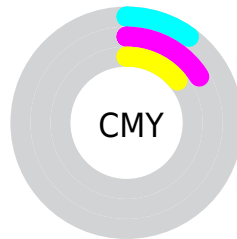


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (10%)



Cyan (10%)

Magenta (16%)


Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 219.0550, -0.0271, 8.7218 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 219.0550, -0.0271, 8.7218 by changing the saturation by 10% instead.




 219.0550, -0.0271,  
8.7218

 219.0550, -0.0271,  
8.7218


255.0000, 0.0000,  
0.0000


 191.0550, -0.0271,  
8.7218

 164.0550, -0.0271,  
8.7218

 137.7560, 0.1203,  
8.1070

 112.3430, -0.1691,  
7.5922

 88.0440, -0.0217,  
6.9774

 65.0440, -0.0217,  
6.9774

 42.7450, 0.1257,

6.3626

■ 21.7450, 0.1257,  
6.3626

■ 0.0000, 0.0000,  
0.0000

■ 219.0550, -0.0271,  
8.7218

■ 219.0550, -0.0271,  
8.7218

■ 203.8440, 0.0769,  
22.0618

■ 234.2660, -0.1311,  
-4.6183

■ 188.5190, -0.2559,  
35.5018

■ 246.6560, 1.6486,  
-15.4843

■ 173.3080, -0.1518,  
48.8419

■ 247.2260, 3.8326,  
-15.9842

■ 158.0970, -0.0478,  
62.1819

■ 143.4730, -0.2332,  
75.0072

■ 128.1480, -0.5660,  
88.4472

■ 112.9370, -0.4619,  
101.7873

■ 97.7260, -0.3579,  
115.1273

■ 82.5150, -0.2539,  
128.4673

# Harmonies

## Analogous

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



218.7170, 2.6045, 4.6332



219.0550, -0.0271, 8.7218



218.9690, -2.9427, 10.5512

# Triad

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



219.0550, -0.0271, 8.7218



217.0340, -4.9468, -0.0298



216.6120, 5.1213, -9.3067

# Complementary

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



219.0550, -0.0271, 8.7218



223.9450, 0.0271, -8.7218

# 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.



216.0310, 2.9427, -10.5512



219.0550, -0.0271, 8.7218



216.2830, -2.6045, -4.6332

# Square

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



219.0550, -0.0271, 8.7218



217.8390, -5.8366, 5.4032



215.9450, 0.0271, -8.7218



217.1610, 5.8366, -5.4032



# Rectangle

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



219.0550, -0.0271, 8.7218



218.9150, -4.3951, 9.7215



215.9450, 0.0271, -8.7218



216.6720, 4.1057, -10.2363

# Sweetspot

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



219.0550, -0.0271, 8.7218



251.7230, 0.1366, 2.8739



218.7000, 5.0779, 4.6481



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.



219.0550, -0.0271, 8.7218



241.6640, -0.3274, 11.6957



220.2460, -3.0793, 7.6773



107.0440, -0.0217, 6.9774



60.2470, -0.6148, 104.1464



17.1870, -0.0922, 29.6540



# Inverse Universe

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



219.0550, -0.0271, 8.7218



241.6640, -0.3274, 11.6957



223.3410, 2.7899, -8.1921



107.0440, -0.0217, 6.9774



60.3610, -0.1780, 104.0464

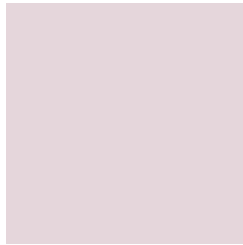


17.1870, -0.0922, 29.6540



# Previews

## White Background



This preview shows how the YUV color 219.0550, -0.0271, 8.7218 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

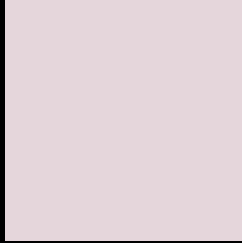
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 219.0550, -0.0271, 8.7218 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

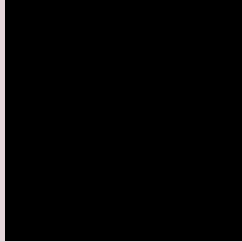
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

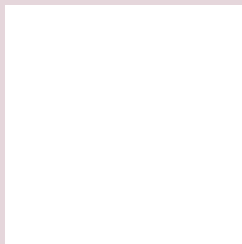
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 219.0550, -0.0271, 8.7218

## Background



This preview shows how black text looks on a background with the YUV color 219.0550, -0.0271, 8.7218.



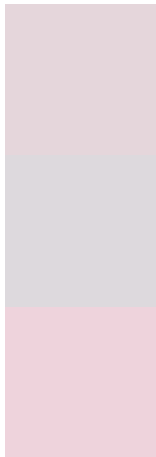
This preview shows how white text looks on a background with the YUV color 219.0550, -0.0271,

8.7218.

# 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

219.0550, -0.0271, 8.7218

### Protanopia

218.6520, 1.1576, 2.0592

### Deuteranopia

220.0990, -0.0488, 15.6992



## Tritanopia

219.3200, 4.7722, 9.3664

# Trichromacy



## Original Color

219.0550, -0.0271, 8.7218

## Protanomaly

218.8480, 0.5679, 4.5183

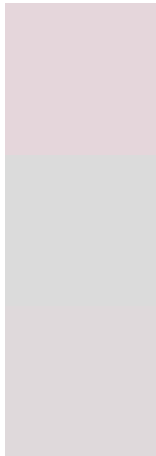
## Deuteranomaly

219.7890, 0.1040, 13.3400

## Tritanomaly

219.4510, 2.7357, 9.2515

# Monochromacy



## Original Color

219.0550, -0.0271, 8.7218

## Achromatopsia

219.0000, 0.0000, 0.0000

## Achromatomaly

219.0220, -0.0108, 3.4887

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 219.0550, -0.0271, 8.7218 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(229, 214, 219)` looks like.

```
.text, #text, p{  
    color:rgb(229, 214, 219)  
}
```

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(229, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 214, 219) }
```

## Border

The CSS property to change the border of an element to YUV 219.0550, -0.0271, 8.7218 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(229, 214, 219) }
```



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

```
.border{ border-color:rgb(229, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(229, 214,  
219) }
```

# Background

The CSS property to change the background color of an element to YUV 219.0550, -0.0271, 8.7218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 214, 219) }
```

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

```
.background{ background-color: rgb(229,  
214, 219) }
```

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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