

# Converting Colors

YUV(209.7600, 7.5133, 16.8735)

Have a look what the booklet for  
YUV(209.7600, 7.5133, 16.8735)  
contains.

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# Color

**YUV(209.7600, 7.5133,  
16.8735)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5C5E1
RGB	229, 197, 225
RGB Percent	90%, 77%, 88%
CMY	0.1020, 0.2275, 0.1176
CMYK	0.00, 0.14, 0.02, 0.10
HSL	308°, 38%, 84%
HSV	308°, 14%, 90%
XYZ	65.8700, 62.0268, 79.7348
YIQ	209.7600, 10.0840, 15.4920

# Conversions

## Conversions Part 2

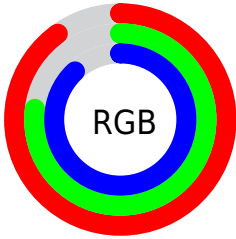
Format	Color
R <sub>Y</sub> B	229, 197, 225
Decimal	15058401
CIE Lab	82.93, 16.06, -9.71
CIE LCh	83, 18.765, 328.853
Yxy	62.0268, 0.3172, 0.2987
Android (android.graphics.Color)	4293248481 (0xFFE5C5E1)
YUV	209.7600, 7.5133, 16.8735
Hunter-Lab	78.7571, 11.4670, -4.8961

# Details

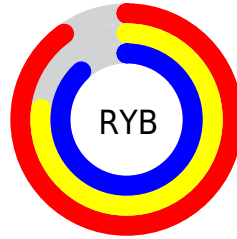
The YUV color **209.7600, 7.5133, 16.8735** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **216.2400, -7.5133, -16.8735**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **254.4130, 0.2894, 0.5148**, and **155.0480, 7.3713, 15.7439** is the 20% darker color. If you saturate the color by 10%, you get **195.9170, 12.8589, 29.0138**, and if you desaturate by 10%, it is **223.6030, 2.1677, 4.7332**.

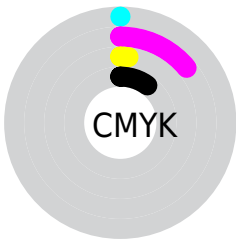
# Distribution



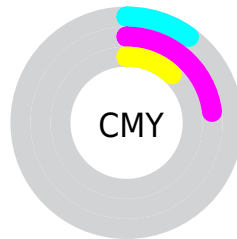
- Red (90%)
- Green (77%)
- Blue (88%)



- Red (90%)
- Yellow (77%)
- Blue (88%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (10%)



- Cyan (10%)
- Magenta (23%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 209.7600, 7.5133, 16.8735 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 209.7600, 7.5133, 16.8735 by changing the saturation by 10% instead.



209.7600, 7.5133,  
16.8735

209.7600, 7.5133,  
16.8735

255.0000, 0.0000,  
0.0000

182.3470, 7.2239,  
16.3587

254.4130, 0.2894,  
0.5148

155.0480, 7.3713,  
15.7439

128.9340, 6.9345,  
15.8439

104.2220, 6.7926,  
14.7143

79.8090, 6.5032,  
14.1995

56.3960, 6.2138,  
13.6847

34.6840, 6.0718,

12.5551

■ 11.7490, 7.5187,  
15.1291

■ 0.0000, 0.0000,  
0.0000

■ 209.7600, 7.5133,  
16.8735

■ 209.7600, 7.5133,  
16.8735

■ 195.9170, 12.8589,  
29.0138

■ 223.6030, 2.1677,  
4.7332

■ 182.0740, 18.2045,  
41.1541

■ 237.4460, -3.1779,  
-7.4071

■ 168.2310, 23.5501,  
53.2944

■ 244.8320, -5.3402,  
-13.8847

■ 154.5020, 29.3325,  
65.3347

■ 245.0600, -4.4666,  
-14.0846

141.2460, 34.3887,  
76.9603

245.4020, -3.1562,  
-14.3846

127.4030, 39.7343,  
89.1006

245.7440, -1.8458,  
-14.6845

113.5600, 45.0799,  
101.2409

246.0860, -0.5354,  
-14.9844

99.7170, 50.4255,  
113.3812

246.4280, 0.7750,  
-15.2844

91.2710, 53.6034,  
120.7883

246.7700, 2.0854,  
-15.5843

# Harmonies

## Analogous

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



208.0830, 14.2561, 0.8042



209.7600, 7.5133, 16.8735



209.6490, -0.8130, 27.4948

# Triad

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



209.7600, 7.5133, 16.8735



205.9080, -17.2096, 13.2357



200.0540, 11.3124, -35.1274

# Complementary

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



209.7600, 7.5133, 16.8735



216.2400, -7.5133, -16.8735

# 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.



200.3830, 2.2762, -30.1539



209.7600, 7.5133, 16.8735



204.2050, -14.3981, -1.9338

# Square

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



209.7600, 7.5133, 16.8735



207.5550, -15.0636, 24.9463



202.0550, -6.9291, -17.5882



201.8680, 16.8271, -30.5792



# Rectangle

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



209.7600, 7.5133, 16.8735



209.7650, -6.7861, 30.0241



202.0550, -6.9291, -17.5882



200.2560, 8.2548, -34.4275

# Sweetspot

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



209.7600, 7.5133, 16.8735



249.0160, 2.4571, 5.2480



201.8440, 13.3879, -0.7402



123.7770, 1.5889, 3.7036



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.



209.7600, 7.5133, 16.8735



229.1890, 10.2598, 22.6362



207.9360, 0.5246, 18.4731



107.7280, 2.5991, 6.3775



71.3050, 41.7546, 94.4485



20.3790, 12.1382, 26.8546



# Inverse Universe

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



209.7600, 7.5133, 16.8735



229.1890, 10.2598, 22.6362



218.0640, -0.5246, -18.4731



107.7280, 2.5991, 6.3775



71.3050, 41.7546, 94.4485



20.3790, 12.1382, 26.8546



# Previews

## White Background



This preview shows how the YUV color 209.7600, 7.5133, 16.8735 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

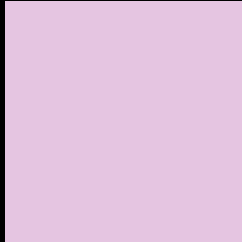
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 209.7600, 7.5133, 16.8735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

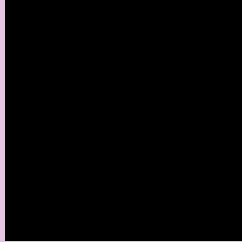
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 209.7600, 7.5133, 16.8735

## Background



This preview shows how black text looks on a background with the YUV color 209.7600, 7.5133, 16.8735.



This preview shows how white text looks on a background with the YUV color 209.7600, 7.5133,



# 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

209.7600, 7.5133, 16.8735

### Protanopia

207.2520, 11.2148, -3.7290

### Deuteranopia

209.0040, 7.3930, 8.7665



## Tritanopia

209.0820, 2.4246, 15.7141

# Trichromacy



## Original Color

209.7600, 7.5133, 16.8735

## Protanomaly

207.9540, 9.8827, 3.5483

## Deuteranomaly

209.6130, 7.0928, 11.7404

## Tritanomaly

209.2500, 4.3137, 16.4438

# Monochromacy



## Original Color

209.7600, 7.5133, 16.8735

## Achromatopsia

210.0000, 0.0000, 0.0000

## Achromatomaly

209.7280, 2.5991, 6.3775

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 209.7600, 7.5133, 16.8735 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, 197, 225)` looks like.

```
.text, #text, p{  
    color:rgb(229, 197, 225)  
}
```

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, 197, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 197, 225) }
```

## Border

The CSS property to change the border of an element to YUV 209.7600, 7.5133, 16.8735 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, 197, 225) }
```



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

```
.border{ border-color:rgb(229, 197, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 197, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 197, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 197, 225); box-shadow:4px 4px 4px 4px rgb(229, 197, 225) }
```

# Background

The CSS property to change the background color of an element to YUV 209.7600, 7.5133, 16.8735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 197, 225) }
```

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

```
.background{ background-color: rgb(229,  
197, 225) }
```

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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