

# Converting Colors

YUV(197.1710, 17.6637,  
27.9140)

Have a look what the booklet for  
YUV(197.1710, 17.6637, 27.9140)  
contains.

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# Color

**YUV(197.1710, 17.6637,  
27.9140)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E5AEE9
RGB	229, 174, 233
RGB Percent	90%, 68%, 91%
CMY	0.1020, 0.3176, 0.0863
CMYK	0.02, 0.25, 0.00, 0.09
HSL	296°, 57%, 80%
HSV	296°, 25%, 91%
XYZ	62.1571, 52.8133, 84.0087
YIQ	197.1710, 13.8410, 30.0090

# Conversions

## Conversions Part 2

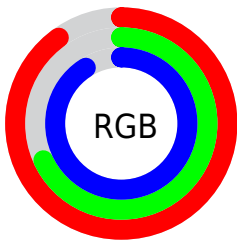
Format	Color
R <sub>Y</sub> B	229, 174, 233
Decimal	15052521
CIE Lab	77.76, 29.84, -21.77
CIE LCh	78, 36.939, 323.883
Yxy	52.8133, 0.3124, 0.2654
Android (android.graphics.Color)	4293242601 (0xFFE5AEE9)
YUV	197.1710, 17.6637, 27.9140
Hunter-Lab	72.6728, 25.4940, -17.6675

# Details

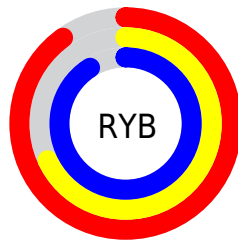
The YUV color **197.1710, 17.6637, 27.9140** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **209.8290, -17.6637, -27.9140**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.3250, 7.2348, 12.8700**, and **142.9320, 16.7955, 26.3696** is the 20% darker color. If you saturate the color by 10%, you get **183.0720, 24.6145, 38.5249**, and if you desaturate by 10%, it is **211.2700, 10.7129, 17.3032**.

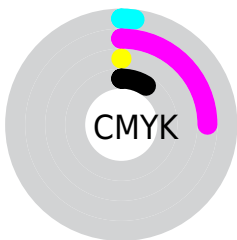
# Distribution



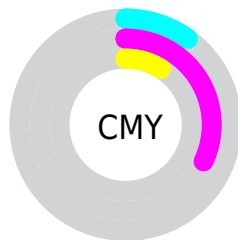
- Red (90%)
- Green (68%)
- Blue (91%)



- Red (90%)
- Yellow (68%)
- Blue (91%)



- Cyan (2%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)



- Cyan (10%)
- Magenta (32%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 197.1710, 17.6637, 27.9140 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 197.1710, 17.6637, 27.9140 by changing the saturation by 10% instead.



■ 197.1710, 17.6637,  
27.9140

■ 197.1710, 17.6637,  
27.9140

255.0000, 0.0000,  
0.0000

■ 169.7580, 17.3743,  
27.3992

■ 240.3250, 7.2348,  
12.8700

■ 142.9320, 16.7955,  
26.3696

■ 117.1060, 16.2167,  
25.3400

■ 91.6930, 15.9274,  
24.8252

■ 67.5680, 15.4960,  
23.1809

■ 43.2690, 15.6434,  
22.5661

■ 20.8560, 15.3540,

22.0513

■ 11.0090, 9.8556,  
12.2701

■ 0.2280, 0.8736,  
-0.2000

■ 197.1710, 17.6637,  
27.9140

■ 197.1710, 17.6637,  
27.9140

■ 183.0720, 24.6145,  
38.5249

■ 211.2700, 10.7129,  
17.3032

■ 168.6850, 31.7073,  
50.2653

■ 225.6570, 3.6201,  
5.5628

■ 154.5860, 38.6581,  
60.8761

■ 239.7560, -3.3307,  
-5.0480

■ 140.7860, 45.4615,  
72.1017

■ 246.5120, -6.6614,  
-10.0960

126.6870, 52.4123,  
82.7125

247.1100, -6.9562,  
-8.8665

112.3000, 59.5051,  
94.4529

247.4090, -7.1036,  
-8.2517

98.2010, 66.4559,  
105.0637

248.0070, -7.3985,  
-7.0221

91.4450, 69.7866,  
110.1117

248.6050, -7.6933,  
-5.7926

248.9040, -7.8407,  
-5.1778

# Harmonies

## Analogous

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



194.1650, 29.9917, -6.2837



197.1710, 17.6637, 27.9140



196.8890, 2.0267, 50.0863

# Triad

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



197.1710, 17.6637, 27.9140



190.8700, -32.9669, 27.3010



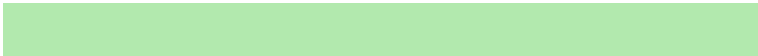
170.0630, 24.1259, -85.1243

# Complementary

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



197.1710, 17.6637, 27.9140



209.8290, -17.6637, -27.9140

# 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.



175.9400, 3.9736, -61.3374



197.1710, 17.6637, 27.9140



187.4320, -28.8070, -0.3789

# Square

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



197.1710, 17.6637, 27.9140



193.1960, -27.2116, 48.0631



182.3880, -15.4743, -30.1583



174.1960, 35.8924, -79.1019



# Rectangle

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



197.1710, 17.6637, 27.9140



193.8650, -8.3144, 53.6154



182.3880, -15.4743, -30.1583



171.6740, 17.4157, -79.5211

# Sweetspot

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



197.1710, 17.6637, 27.9140



242.9610, 5.9352, 9.6812



183.6610, 24.3241, -8.4727



120.0700, 3.9095, 6.0776



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.



197.1710, 17.6637, 27.9140



208.8930, 22.7308, 36.0508



195.5170, 6.1541, 32.8726



110.5430, 3.1833, 5.6628



71.1650, 54.1487, 85.8013



21.1060, 16.2167, 25.3400



# Inverse Universe

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



192.0970, -6.9498, 35.8719



202.2940, -9.0189, 46.2232



211.4830, -6.1541, -32.8726



109.2890, -1.6215, 6.7625



55.4870, -21.4391, 110.0749

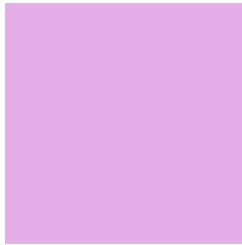


16.6020, -6.2128, 32.7980



# Previews

## White Background



This preview shows how the YUV color 197.1710, 17.6637, 27.9140 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

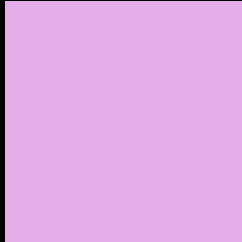
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 197.1710, 17.6637, 27.9140 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 197.1710, 17.6637, 27.9140

## Background



This preview shows how black text looks on a background with the YUV color 197.1710, 17.6637, 27.9140.



This preview shows how white text looks on a background with the YUV color 197.1710, 17.6637, 27.9140.

27.9140.

# 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

197.1710, 17.6637, 27.9140

### Protanopia

192.9810, 25.6454, -12.2613

### Deuteranopia

194.2830, 17.6085, -1.1252



## Tritanopia

195.4530, -0.2233, 25.0357

# Trichromacy



## Original Color

197.1710, 17.6637, 27.9140



## Protanomaly

194.3850, 22.9812, 2.2934



## Deuteranomaly

195.3490, 17.5759, 9.3409



## Tritanomaly

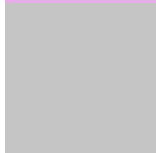
195.8860, 6.4652, 26.4100

# Monochromacy



## Original Color

197.1710, 17.6637, 27.9140



## Achromatopsia

197.0000, 0.0000, 0.0000



## Achromatomaly

197.3740, 6.2246, 10.1960

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 197.1710, 17.6637, 27.9140 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, 174, 233)` looks like.

```
.text, #text, p{  
    color:rgb(229, 174, 233)  
}
```

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, 174, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 174, 233) }
```

## Border

The CSS property to change the border of an element to YUV 197.1710, 17.6637, 27.9140 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, 174, 233) }
```



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

```
.border{ border-color:rgb(229, 174, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 174, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 174, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 174, 233);  
box-shadow:4px 4px 4px 4px rgb(229, 174,  
233) }
```

# Background

The CSS property to change the background color of an element to YUV 197.1710, 17.6637, 27.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 174, 233) }
```

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

```
.background{ background-color: rgb(229,  
174, 233) }
```

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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