

# Converting Colors

YUV(201.1170, 16.2113,  
27.0844)

Have a look what the booklet for  
YUV(201.1170, 16.2113, 27.0844)  
contains.

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# Color

**YUV(201.1170, 16.2113,  
27.0844)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8B3EA
RGB	232, 179, 234
RGB Percent	91%, 70%, 92%
CMY	0.0902, 0.2980, 0.0824
CMYK	0.01, 0.24, 0.00, 0.08
HSL	298°, 57%, 81%
HSV	298°, 24%, 92%
XYZ	64.2501, 55.3365, 85.1366
YIQ	201.1170, 13.9330, 28.3410

# Conversions

## Conversions Part 2

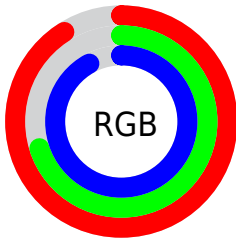
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 179, 234
Decimal	15250410
CIE Lab	79.23, 28.32, -20.06
CIE LCh	79, 34.703, 324.696
Yxy	55.3365, 0.3138, 0.2703
Android (android.graphics.Color)	4293440490 (0xFFE8B3EA)
YUV	201.1170, 16.2113, 27.0844
Hunter-Lab	74.3885, 23.9923, -15.7846

# Details

The YUV color  $201.1170, 16.2113, 27.0844$  is a light color, and the websafe version is hex  $\text{FFCCFF}$ . A complement of this color would be  $211.8830, -16.2113, -27.0844$ , and the grayscale version is  $201.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $243.2600, 5.7878, 10.2960$ , and  $146.8780, 15.3431, 25.5400$  is the 20% darker color. If you saturate the color by 10%, you get  $187.3170, 23.0147, 38.3100$ , and if you desaturate by 10%, it is  $214.9170, 9.4079, 15.8588$ .

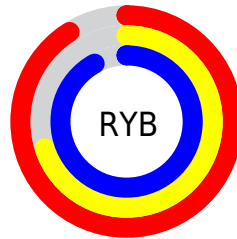
# Distribution



Red (91%)

Green (70%)

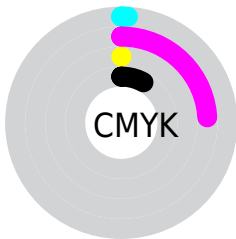
Blue (92%)



Red (91%)

Yellow (70%)

Blue (92%)

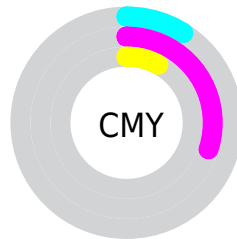


Cyan (1%)

Magenta (24%)

Yellow (0%)

Black (8%)



Cyan (9%)

Magenta (30%)


Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 201.1170, 16.2113, 27.0844 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 201.1170, 16.2113, 27.0844 by changing the saturation by 10% instead.




 201.1170, 16.2113,  
27.0844


 201.1170, 16.2113,  
27.0844


255.0000, 0.0000,  
0.0000


 173.7040, 15.9219,  
26.5696


 243.2600, 5.7878,  
10.2960

 146.8780, 15.3431,  
25.5400

 120.4650, 15.0538,  
25.0252

 95.3400, 14.6224,  
23.3808

 70.9270, 14.3330,  
22.8660

 47.2150, 14.1910,  
21.7364

 24.2150, 14.1910,

21.7364

■ 12.6180, 9.5553,  
15.2440

■ 0.4560, 1.7472,  
-0.3999

■ 201.1170, 16.2113,  
27.0844

■ 201.1170, 16.2113,  
27.0844

■ 187.3170, 23.0147,  
38.3100

■ 214.9170, 9.4079,  
15.8588

■ 172.9300, 30.1075,  
50.0504

■ 229.3040, 2.3151,  
4.1184

■ 159.1300, 36.9109,  
61.2760

■ 243.1040, -4.4883,  
-7.1072

■ 145.0420, 43.8563,  
73.6312

■ 246.6260, -6.2246,  
-10.1960

131.2420, 50.6597,  
84.8568

246.9250, -6.3720,  
-9.5812

117.4420, 57.4631,  
96.0824

247.2240, -6.5194,  
-8.9664

103.0550, 64.5559,  
107.8228

247.5230, -6.6668,  
-8.3517

93.9510, 69.0442,  
114.9300

247.8220, -6.8142,  
-7.7369

248.1210, -6.9617,  
-7.1221

# Harmonies

## Analogous

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



198.3070, 27.9496, -4.6542



201.1170, 16.2113, 27.0844



200.3510, 1.3060, 47.9272

# Triad

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



201.1170, 16.2113, 27.0844



194.7280, -30.9249, 25.6715



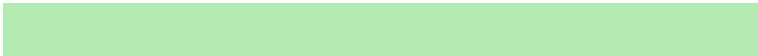
177.8360, 21.7729, -77.0322

# Complementary

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



201.1170, 16.2113, 27.0844



211.8830, -16.2113, -27.0844

# 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.



181.8480, 3.5259, -57.7487



201.1170, 16.2113, 27.0844



191.3010, -26.7704, -0.2640

# Square

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



201.1170, 16.2113, 27.0844



197.2280, -25.7484, 45.4040



187.3280, -14.4587, -29.2287



181.4530, 32.8077, -69.6803



# Rectangle

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



201.1170, 16.2113, 27.0844



197.8430, -8.3036, 50.1267



187.3280, -14.4587, -29.2287



178.3760, 16.0836, -72.2438

# Sweetspot

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



201.1170, 16.2113, 27.0844



244.1350, 5.3564, 8.6516



187.0310, 23.1557, -7.0432



121.2440, 3.3307, 5.0480



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.



201.1170, 16.2113, 27.0844



212.4260, 20.9890, 34.7064



198.8650, 4.9966, 30.8134



110.5430, 3.1833, 5.6628



72.6600, 53.4116, 88.8752



21.7040, 15.9219, 26.5696



# Inverse Universe

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



195.6730, -7.2338, 33.6128



205.4570, -9.5923, 43.4492



214.1350, -4.9966, -30.8134



109.2890, -1.6215, 6.7625



54.9170, -23.6231, 110.5748



16.3740, -7.0864, 32.9980



# Previews

## White Background



This preview shows how the YUV color 201.1170, 16.2113, 27.0844 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

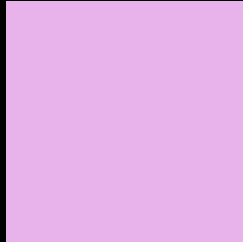
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 201.1170, 16.2113, 27.0844 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

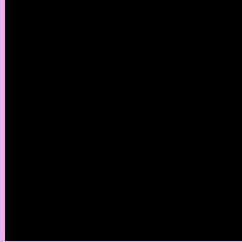
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 201.1170, 16.2113, 27.0844

## Background



This preview shows how black text looks on a background with the YUV color 201.1170, 16.2113, 27.0844.



This preview shows how white text looks on a background with the YUV color 201.1170, 16.2113,



# 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

201.1170, 16.2113, 27.0844

### Protanopia

197.7100, 23.3140, -11.1467

### Deuteranopia

198.6530, 16.4401, 0.3043



## Tritanopia

199.2680, 0.3609, 24.3210

# Trichromacy



## Original Color

201.1170, 16.2113, 27.0844



## Protanomaly

198.8150, 20.7972, 2.7932



## Deuteranomaly

199.4200, 16.5549, 10.1557



## Tritanomaly

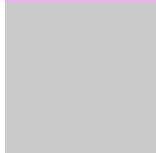
200.0600, 5.8864, 25.3804

# Monochromacy



## Original Color

201.1170, 16.2113, 27.0844



## Achromatopsia

201.0000, 0.0000, 0.0000



## Achromatomaly

200.9610, 5.9352, 9.6812

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 201.1170, 16.2113, 27.0844 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(232, 179, 234)` looks like.

```
.text, #text, p{  
    color:rgb(232, 179, 234)  
}
```

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(232, 179, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 179, 234) }
```

## Border

The CSS property to change the border of an element to YUV 201.1170, 16.2113, 27.0844 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(232, 179, 234) }
```



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

```
.border{ border-color:rgb(232, 179, 234) }
```

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

Here you see how a box with a 4 pixel rgb(232, 179, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 179, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 179, 234);  
box-shadow:4px 4px 4px 4px rgb(232, 179,  
234) }
```

# Background

The CSS property to change the background color of an element to YUV 201.1170, 16.2113, 27.0844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 179, 234) }
```

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

```
.background{ background-color: rgb(232,  
179, 234) }
```

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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