

# Converting Colors

YUV(107.5570, 32.7564,  
87.2115)

Have a look what the booklet for  
YUV(107.5570, 32.7564, 87.2115)  
contains.

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# Color

**YUV(107.5570, 32.7564,  
87.2115)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CF2CAE
RGB	207, 44, 174
RGB Percent	81%, 17%, 68%
CMY	0.1882, 0.8275, 0.3176
CMYK	0.00, 0.79, 0.16, 0.19
HSL	312°, 65%, 49%
HSV	312°, 79%, 81%
XYZ	34.2728, 18.1228, 41.7361
YIQ	107.5570, 55.4180, 74.9860

# Conversions

## Conversions Part 2

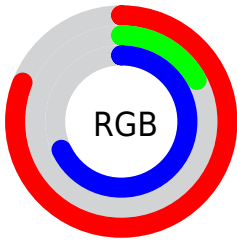
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 44, 174
Decimal	13577390
CIE Lab	49.64, 72.93, -32.10
CIE LCh	50, 79.684, 336.242
Yxy	18.1228, 0.3641, 0.1925
Android (android.graphics.Color)	4291767470 (0xFFCF2CAE)
YUV	107.5570, 32.7564, 87.2115
Hunter-Lab	42.5708, 69.2073, -28.3278

# Details

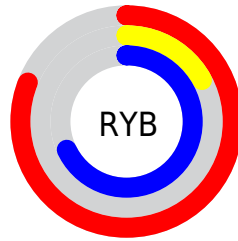
The YUV color **107.5570, 32.7564, 87.2115** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **143.4430, -32.7564, -87.2115**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8610, 31.6205, 78.1749**, and **58.0460, 31.0363, 78.8897** is the 20% darker color. If you saturate the color by 10%, you get **94.7740, 37.0864, 98.4222**, and if you desaturate by 10%, it is **120.3400, 28.4264, 76.0008**.

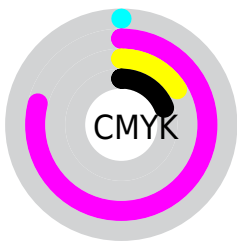
# Distribution



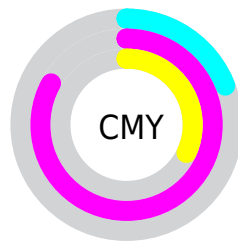
- Red (81%)
- Green (17%)
- Blue (68%)



- Red (81%)
- Yellow (17%)
- Blue (68%)



- Cyan (0%)
- Magenta (79%)
- Yellow (16%)
- Black (19%)




- Cyan (19%)
- Magenta (83%)
- Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 107.5570, 32.7564, 87.2115 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 107.5570, 32.7564, 87.2115 by changing the saturation by 10% instead.





 107.5570, 32.7564,  
87.2115


 107.5570, 32.7564,  
87.2115


255.0000, 0.0000,  
0.0000


 69.6810, 38.1183,  
94.1188


 165.8610, 31.6205,  
78.1749


 58.0460, 31.0363,  
78.8897


 186.3210, 33.8587,  
60.2315

 46.8240, 24.2438,  
64.1754


 203.3440, 25.4664,  
45.3023

 35.4170, 18.0354,  
48.7463

 220.3670, 17.0741,  
30.3731

 25.3200, 11.6742,  
35.6764

 237.9770, 8.3923,  
14.9292

 13.8420, 6.4869,  
19.4326

 0.0000, 0.0000,

0.0000

■ 107.5570, 32.7564,  
87.2115

■ 107.5570, 32.7564,  
87.2115

■ 94.7740, 37.0864,  
98.4222

■ 120.3400, 28.4264,  
76.0008

■ 82.5780, 41.1270,  
109.1181

■ 132.5360, 24.3858,  
65.3049

■ 80.7030, 41.5584,  
110.7625

■ 145.4330, 20.4925,  
53.9943

■ 158.2160, 16.1625,  
42.7836

■ 170.9990, 11.8325,  
31.5729

■ 183.1950, 7.7919,  
20.8770

■ 195.9780, 3.4618,  
9.6663

■ 208.8750, -0.4314,  
-1.6444

■ 221.0710, -4.4720,  
-12.3403

# Harmonies

## Analogous

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



119.2790, 54.0925, 10.2793



107.5570, 32.7564, 87.2115



81.8650, 12.3916, 132.5454

# Triad

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



107.5570, 32.7564, 87.2115



109.6090, -54.0372, 18.7599



108.1600, 43.7981, -94.8563

# Complementary

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



107.5570, 32.7564, 87.2115



143.4430, -32.7564, -87.2115

# 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.



100.6360, 14.9695, -88.2578



107.5570, 32.7564, 87.2115



95.3910, -47.0278, -36.2999

# Square

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



107.5570, 32.7564, 87.2115



109.9060, -54.1837, 65.8574



90.6670, -15.6118, -79.5150



109.2950, 65.9166, -95.8517



# Rectangle

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



107.5570, 32.7564, 87.2115



94.4370, -15.4984, 118.0118



90.6670, -15.6118, -79.5150



105.8800, 35.0622, -92.8568

# Sweetspot

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



107.5570, 32.7564, 87.2115



217.8250, 12.4113, 32.6025



72.4490, 66.3336, 3.9912



105.3690, 7.2131, 19.8474



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.



107.5570, 32.7564, 87.2115



108.5340, 48.0507, 128.4507



98.3230, -2.6242, 95.3097



98.2010, 1.8729, 5.9627



65.5080, 33.7666, 89.8855



16.0210, 8.3706, 21.9066



# Inverse Universe

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



107.5570, 32.7564, 87.2115



108.5340, 48.0507, 128.4507



152.6770, 2.6242, -95.3097



98.2010, 1.8729, 5.9627



65.5080, 33.7666, 89.8855



16.0210, 8.3706, 21.9066



# Previews

## White Background



This preview shows how the YUV color 107.5570, 32.7564, 87.2115 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

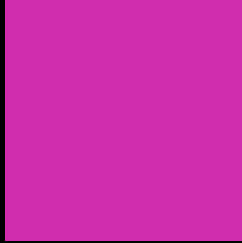
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 107.5570, 32.7564, 87.2115 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

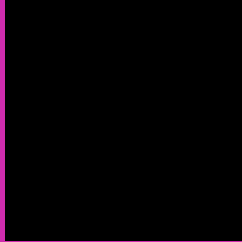
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 107.5570, 32.7564, 87.2115

## Background



This preview shows how black text looks on a background with the YUV color 107.5570, 32.7564, 87.2115.



This preview shows how white text looks on a background with the YUV color 107.5570, 32.7564, 87.2115.



# 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

107.5570, 32.7564, 87.2115

### Protanopia

107.8210, 61.7132, -54.2170

### Deuteranopia

118.4710, 22.4458, -12.6911



## Tritanopia

114.7490, -15.6523, 73.8881

# Trichromacy



## Original Color

107.5570, 32.7564, 87.2115



## Protanomaly

107.8060, 51.3676, -2.4609



## Deuteranomaly

114.1410, 26.5525, 23.5553



## Tritanomaly

112.3640, 1.7925, 78.6108

# Monochromacy



## Original Color

107.5570, 32.7564, 87.2115



## Achromatopsia

108.0000, 0.0000, 0.0000



## Achromatomaly

107.9990, 11.8325, 31.5729

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.5570, 32.7564, 87.2115 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(207, 44, 174)` looks like.

```
.text, #text, p{  
    color:rgb(207, 44, 174)  
}
```

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(207, 44, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 44, 174) }
```

## Border

The CSS property to change the border of an element to YUV 107.5570, 32.7564, 87.2115 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(207, 44, 174) }
```



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

```
.border{ border-color:rgb(207, 44, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 44, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 44, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 44, 174);  
box-shadow:4px 4px 4px 4px rgb(207, 44,  
174) }
```

# Background

The CSS property to change the background color of an element to YUV 107.5570, 32.7564, 87.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 44, 174) }
```

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

```
.background{ background-color: rgb(207, 44,  
174) }
```

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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