

# Converting Colors

YUV(97.6670, 32.7022,  
104.6550)

Have a look what the booklet for  
YUV(97.6670, 32.7022, 104.6550)  
contains.

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# Color

**YUV(97.6670, 32.7022,  
104.6550)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D918A4
RGB	217, 24, 164
RGB Percent	85%, 9%, 64%
CMY	0.1490, 0.9059, 0.3569
CMYK	0.00, 0.89, 0.24, 0.15
HSL	316°, 80%, 47%
HSV	316°, 89%, 85%
XYZ	35.6427, 18.0853, 36.7342
YIQ	97.6670, 70.0880, 84.4560

# Conversions

## Conversions Part 2

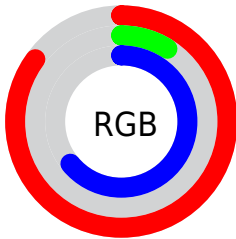
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 24, 164
Decimal	14227620
CIE <sub>Lab</sub>	49.60, 77.81, -26.13
CIE <sub>LCh</sub>	50, 82.076, 341.438
Yxy	18.0853, 0.3940, 0.1999
Android (android.graphics.Color)	4292417700 (0xFFD918A4)
YUV	97.6670, 32.7022, 104.6550
Hunter-Lab	42.5268, 75.1831, -21.4452

# Details

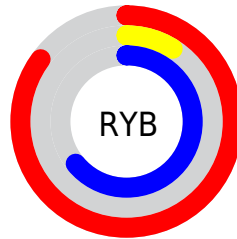
The YUV color **97.6670, 32.7022, 104.6550** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **143.3330, -32.7022, -104.6550**, and the grayscale version is **97.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9110, 29.1309, 83.3931**, and **59.7110, 25.7785, 85.3225** is the 20% darker color. If you saturate the color by 10%, you get **84.0690, 36.4480, 116.5805**, and if you desaturate by 10%, it is **111.2650, 28.9564, 92.7296**.

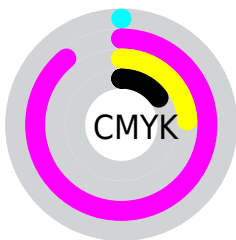
# Distribution



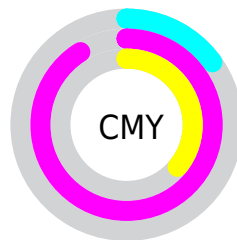
- Red (85%)
- Green (9%)
- Blue (64%)



- Red (85%)
- Yellow (9%)
- Blue (64%)



- Cyan (0%)
- Magenta (89%)
- Yellow (24%)
- Black (15%)




- Cyan (15%)
- Magenta (91%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 97.6670, 32.7022, 104.6550 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 97.6670, 32.7022, 104.6550 by changing the saturation by 10% instead.





 97.6670, 32.7022,  
104.6550

 97.6670, 32.7022,  
104.6550


255.0000, 0.0000,  
0.0000


 71.6450, 32.7130,  
101.1663


 159.9110, 29.1309,  
83.3931

 59.7110, 25.7785,  
85.3225


 180.8270, 33.1163,  
65.0497


 48.1900, 19.1333,  
69.9934


 199.2350, 27.4921,  
48.9059

 36.8970, 13.3618,  
54.4643

 216.8450, 18.8104,  
33.4619

 26.3160, 7.7322,  
40.0649

 234.4550, 10.1287,  
18.0180

 14.7240, 2.1081,  
23.9211

 252.0650, 1.4470,

 0.0000, 0.0000,

2.5740

0.0000

■ 97.6670, 32.7022,  
104.6550

■ 97.6670, 32.7022,  
104.6550

■ 84.0690, 36.4480,  
116.5805

■ 111.2650, 28.9564,  
92.7296

■ 82.7810, 36.5900,  
117.7101

■ 124.2760, 25.4999,  
81.3189

■ 137.8740, 21.7541,  
69.3935

■ 151.4720, 18.0083,  
57.4681

■ 164.4830, 14.5519,  
46.0574

■ 178.0810, 10.8061,  
34.1320

■ 191.6790, 7.0603,  
22.2065

■ 205.2770, 3.3144,  
10.2811

■ 218.2880, -0.1420,  
-1.1296

# Harmonies

## Analogous

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



119.1070, 51.7122, 27.0932



97.6670, 32.7022, 104.6550



81.3940, 6.7078, 135.5895

# Triad

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



97.6670, 32.7022, 104.6550



108.6680, -53.5733, 9.9382



109.6420, 49.4765, -96.1560

# Complementary

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



97.6670, 32.7022, 104.6550



143.3330, -32.7022, -104.6550

# 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.



102.7050, 20.3584, -90.0723



97.6670, 32.7022, 104.6550



86.6870, -42.7367, -59.3615

# Square

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



97.6670, 32.7022, 104.6550



110.7480, -54.5988, 58.9800



92.5080, -11.0964, -81.1295



109.7340, 70.1371, -96.2367



# Rectangle

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



97.6670, 32.7022, 104.6550



95.3030, -22.3344, 117.2523



92.5080, -11.0964, -81.1295



107.9490, 40.4511, -94.6713

# Sweetspot

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



97.6670, 32.7022, 104.6550



212.3310, 11.6688, 37.4207



61.2510, 76.7843, 12.0579



102.5650, 6.6235, 22.3065



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.



97.6670, 32.7022, 104.6550



97.3350, 43.2188, 138.2722



86.8370, -8.7936, 114.1530



103.2010, 1.8729, 5.9627



66.0910, 29.5351, 93.7592



17.5160, 7.6336, 24.9805



# Inverse Universe

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



97.6670, 32.7022, 104.6550



97.3350, 43.2188, 138.2722



154.1630, 8.7936, -114.1530



103.2010, 1.8729, 5.9627



66.0910, 29.5351, 93.7592



17.5160, 7.6336, 24.9805



# Previews

## White Background



This preview shows how the YUV color 97.6670, 32.7022, 104.6550 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

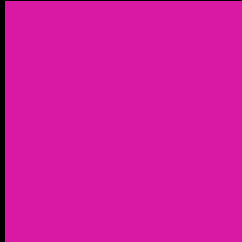
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 97.6670, 32.7022, 104.6550 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

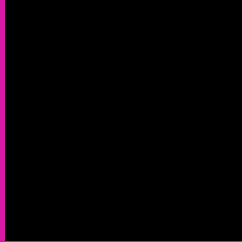
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 97.6670, 32.7022, 104.6550

## Background



This preview shows how black text looks on a background with the YUV color 97.6670, 32.7022, 104.6550.



This preview shows how white text looks on a background with the YUV color 97.6670, 32.7022,



# 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

97.6670, 32.7022, 104.6550

### Protanopia

109.5720, 59.3710, -49.6136

### Deuteranopia

119.7230, 16.8986, -6.7731



## Tritanopia

110.2130, -19.3320, 87.5132

# Trichromacy



## Original Color

97.6670, 32.7022, 104.6550



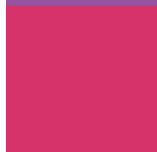
## Protanomaly

105.4050, 49.5933, 6.6608



## Deuteranomaly

111.5830, 22.8836, 33.6917



## Tritanomaly

105.5940, -0.2928, 94.1951

# Monochromacy



## Original Color

97.6670, 32.7022, 104.6550



## Achromatopsia

98.0000, 0.0000, 0.0000



## Achromatomaly

97.7440, 11.9582, 37.9355

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.6670, 32.7022, 104.6550 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(217, 24, 164)` looks like.

```
.text, #text, p{  
    color:rgb(217, 24, 164)  
}
```

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(217, 24, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 24, 164) }
```

## Border

The CSS property to change the border of an element to YUV 97.6670, 32.7022, 104.6550 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(217, 24, 164) }
```



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

```
.border{ border-color:rgb(217, 24, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 24, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 24, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 24, 164);  
box-shadow:4px 4px 4px 4px rgb(217, 24,  
164) }
```

# Background

The CSS property to change the background color of an element to YUV 97.6670, 32.7022, 104.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 24, 164) }
```

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

```
.background{ background-color: rgb(217, 24,  
164) }
```

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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