

# Converting Colors

YUV(99.8310, 10.4363,  
106.2652)

Have a look what the booklet for  
YUV(99.8310, 10.4363, 106.2652)  
contains.

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# Color

**YUV(99.8310, 10.4363,  
106.2652)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD2279
RGB	221, 34, 121
RGB Percent	87%, 13%, 47%
CMY	0.1333, 0.8667, 0.5255
CMYK	0.00, 0.85, 0.45, 0.13
HSL	332°, 73%, 50%
HSV	332°, 85%, 87%
XYZ	33.8420, 17.8967, 19.7599
YIQ	99.8310, 83.5250, 66.7010

# Conversions

## Conversions Part 2

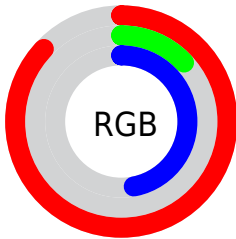
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	221, 34, 121
Decimal	14492281
CIE Lab	49.37, 72.62, -0.52
CIE LCh	49, 72.618, 359.586
Yxy	17.8967, 0.4733, 0.2503
Android (android.graphics.Color)	4292682361 (0xFFDD2279)
YUV	99.8310, 10.4363, 106.2652
Hunter-Lab	42.3045, 68.7606, 1.9195

# Details

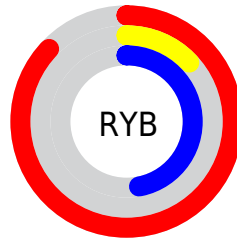
The YUV color **99.8310, 10.4363, 106.2652** is a dark color, and the websafe version is hex **CC0066**. The color can be described as dark washed rose. A complement of this color would be **155.1690, -10.4363, -106.2652**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.4280, 8.1700, 86.4476**, and **56.1620, 8.3011, 91.0659** is the 20% darker color. If you saturate the color by 10%, you get **85.5490, 11.5613, 118.7905**, and if you desaturate by 10%, it is **114.1130, 9.3113, 93.7399**.

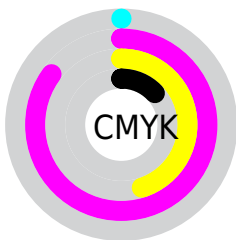
# Distribution



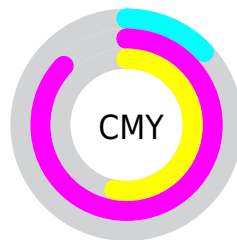
- Red (87%)
- Green (13%)
- Blue (47%)



- Red (87%)
- Yellow (13%)
- Blue (47%)



- Cyan (0%)
- Magenta (85%)
- Yellow (45%)
- Black (13%)




- Cyan (13%)
- Magenta (87%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 99.8310, 10.4363, 106.2652 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 99.8310, 10.4363, 106.2652 by changing the saturation by 10% instead.





 99.8310, 10.4363,  
106.2652


 99.8310, 10.4363,  
106.2652

255.0000, 0.0000,  
0.0000


 67.7540, 13.9253,  
107.2097

 156.4280, 8.1700,  
86.4476


 56.1620, 8.3011,  
91.0659


 177.1160, 11.2818,  
68.3043


 44.6840, 3.1138,  
74.8221


 197.3310, 15.1198,  
50.5757

 33.3200, -1.6368,  
58.4784

 218.0190, 18.2316,  
32.4323

 22.2830, -9.0135,  
44.4788

 235.6290, 9.5499,  
16.9884

 12.0740, -5.4595,  
24.4911

 253.2390, 0.8682,

 0.0000, 0.0000,

1.5444

0.0000

■ 99.8310, 10.4363,  
106.2652

■ 99.8310, 10.4363,  
106.2652

■ 85.5490, 11.5613,  
118.7905

■ 114.1130, 9.3113,  
93.7399

■ 77.8210, 12.4132,  
125.5680

■ 128.3950, 8.1863,  
81.2146

■ 142.5630, 6.6244,  
68.7892

■ 156.8450, 5.4994,  
56.2639

■ 171.7140, 4.0850,  
43.2238

■ 185.9960, 2.9600,  
30.6985

■ 200.2780, 1.8349,  
18.1732

■ 214.5600, 0.7099,  
5.6479

■ 228.7280, -0.8519,  
-6.7775

# Harmonies

## Analogous

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



115.0010, 32.5375, 64.0201



99.8310, 10.4363, 106.2652



103.5460, -20.9752, 101.2532

# Triad

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



99.8310, 10.4363, 106.2652



101.1160, -49.8502, -17.6417



107.1290, 57.6174, -93.9521

# Complementary

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



99.8310, 10.4363, 106.2652



155.1690, -10.4363, -106.2652

# 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.



104.7060, 35.6409, -91.8272



99.8310, 10.4363, 106.2652



87.7660, -19.1116, -76.9708

# Square

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



99.8310, 10.4363, 106.2652



110.2620, -54.3592, 28.7112



97.0510, 8.8489, -85.1137



101.5500, 69.2419, -89.0593



# Rectangle

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



99.8310, 10.4363, 106.2652



107.5350, -44.6338, 82.8458



97.0510, 8.8489, -85.1137



106.8210, 51.3602, -93.6820

# Sweetspot

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



99.8310, 10.4363, 106.2652



213.5560, 3.6699, 36.3464



85.2180, 66.9405, 42.7818



102.7130, 2.1135, 22.1767



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.



99.8310, 10.4363, 106.2652



89.8110, 14.3902, 144.8708



93.4350, -29.3015, 111.8745



102.8590, 0.5625, 6.2627



60.9610, 9.8792, 98.2582



16.1480, 2.3920, 26.1802



# Inverse Universe

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



99.8310, 10.4363, 106.2652



89.8110, 14.3902, 144.8708



161.5650, 29.3015, -111.8745



102.8590, 0.5625, 6.2627



60.9610, 9.8792, 98.2582



16.1480, 2.3920, 26.1802



# Previews

## White Background



This preview shows how the YUV color 99.8310, 10.4363, 106.2652 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 99.8310, 10.4363, 106.2652 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

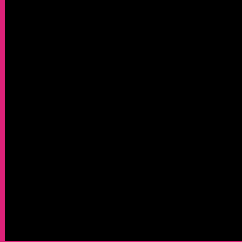
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 99.8310, 10.4363, 106.2652

## Background



This preview shows how black text looks on a background with the YUV color 99.8310, 10.4363, 106.2652.



This preview shows how white text looks on a background with the YUV color 99.8310, 10.4363,



# 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

99.8310, 10.4363, 106.2652

### Protanopia

118.3290, 24.4878, -14.3205

### Deuteranopia

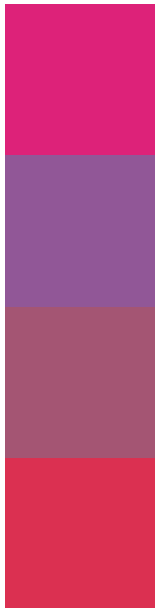
119.1540, -3.5269, 11.2659



## Tritanopia

104.6660, -23.0063, 99.3939

# Trichromacy



## Original Color

99.8310, 10.4363, 106.2652

## Protanomaly

111.6380, 19.4055, 29.2585

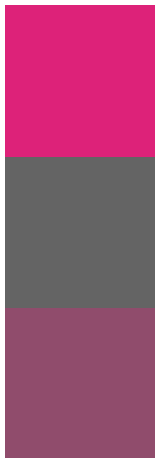
## Deuteranomaly

112.0410, 1.4588, 45.5680

## Tritanomaly

102.8910, -10.7923, 101.8276

# Monochromacy



## Original Color

99.8310, 10.4363, 106.2652

## Achromatopsia

100.0000, 0.0000, 0.0000

## Achromatomaly

99.9800, 3.9539, 38.6055

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.8310, 10.4363, 106.2652 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(221, 34, 121)` looks like.

```
.text, #text, p{  
    color:rgb(221, 34, 121)  
}
```

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(221, 34, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 34, 121) }
```

## Border

The CSS property to change the border of an element to YUV 99.8310, 10.4363, 106.2652 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(221, 34, 121) }
```



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

```
.border{ border-color:rgb(221, 34, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 34, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 34, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 34, 121);  
box-shadow:4px 4px 4px 4px rgb(221, 34,  
121) }
```

# Background

The CSS property to change the background color of an element to YUV 99.8310, 10.4363, 106.2652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 34, 121) }
```

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

```
.background{ background-color: rgb(221, 34,  
121) }
```

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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