

# Converting Colors

YUV(109.3480, 22.9994,  
90.0258)

Have a look what the booklet for  
YUV(109.3480, 22.9994, 90.0258)  
contains.

<b>YUV(109.3480, 22.9994, 90.0258)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(109.3480, 22.9994,  
90.0258)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D4309C
RGB	212, 48, 156
RGB Percent	83%, 19%, 61%
CMY	0.1686, 0.8118, 0.3882
CMYK	0.00, 0.77, 0.26, 0.17
HSL	320°, 66%, 51%
HSV	320°, 77%, 83%
XYZ	34.2091, 18.5113, 33.2225
YIQ	109.3480, 63.0760, 68.3560

# Conversions

## Conversions Part 2

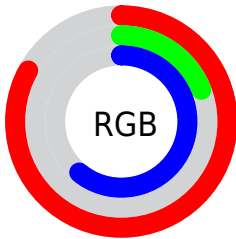
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 48, 156
Decimal	13906076
CIE <sub>Lab</sub>	50.11, 70.70, -20.66
CIE <sub>LCh</sub>	50, 73.660, 343.711
Yxy	18.5113, 0.3980, 0.2154
Android (android.graphics.Color)	4292096156 (0xFFD4309C)
YUV	109.3480, 22.9994, 90.0258
Hunter-Lab	43.0247, 66.6327, -15.6648

# Details

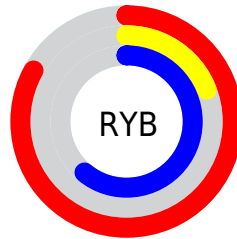
The YUV color **109.3480, 22.9994, 90.0258** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **150.6520, -22.9994, -90.0258**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.4560, 22.4532, 78.5301**, and **57.7170, 23.3105, 83.5632** is the 20% darker color. If you saturate the color by 10%, you get **96.2230, 26.0191, 101.5364**, and if you desaturate by 10%, it is **122.4730, 19.9798, 78.5152**.

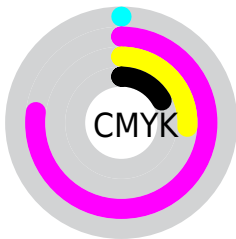
# Distribution



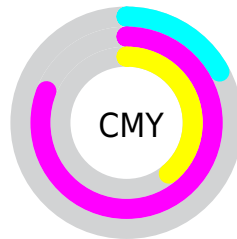
- Red (83%)
- Green (19%)
- Blue (61%)



- Red (83%)
- Yellow (19%)
- Blue (61%)



- Cyan (0%)
- Magenta (77%)
- Yellow (26%)
- Black (17%)




- Cyan (17%)
- Magenta (81%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 109.3480, 22.9994, 90.0258 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 109.3480, 22.9994, 90.0258 by changing the saturation by 10% instead.




 109.3480, 22.9994,  
90.0258


 109.3480, 22.9994,  
90.0258


255.0000, 0.0000,  
0.0000


 69.2380, 29.9557,  
98.8923


 165.4560, 22.4532,  
78.5301


 57.7170, 23.3105,  
83.5632

 185.6710, 26.2912,  
60.8015


 46.1960, 16.6654,  
68.2341


 204.5180, 24.8876,  
44.2727

 34.9030, 10.8938,  
52.7051

 222.1280, 16.2059,  
28.8287

 24.7350, 5.5536,  
38.8204

 239.1510, 7.8136,  
13.8996

 13.1000, -1.5283,  
23.5913

 0.0000, 0.0000,

0.0000

■ 109.3480, 22.9994,  
90.0258

■ 109.3480, 22.9994,  
90.0258

■ 96.2230, 26.0191,  
101.5364

■ 122.4730, 19.9798,  
78.5152

■ 83.0980, 29.0387,  
113.0471

■ 135.5980, 16.9602,  
67.0046

■ 79.3480, 29.9014,  
116.3358

■ 149.4240, 14.0880,  
54.8792

■ 162.5490, 11.0683,  
43.3685

■ 175.6740, 8.0487,  
31.8579

■ 188.7990, 5.0291,  
20.3473

■ 202.0380, 2.4463,  
8.7367

■ 215.7500, -0.8628,  
-3.2887

■ 228.8750, -3.8824,  
-14.7994

# Harmonies

## Analogous

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



121.7670, 43.9919, 30.0223



109.3480, 22.9994, 90.0258



100.3080, -3.1098, 111.1089

# Triad

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



109.3480, 22.9994, 90.0258



108.6570, -53.5679, 8.1938



107.8980, 47.8713, -94.6265

# Complementary

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



109.3480, 22.9994, 90.0258



150.6520, -22.9994, -90.0258

# 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.



102.4600, 21.9582, -89.8574



109.3480, 22.9994, 90.0258



91.1720, -44.9478, -50.1398

# Square

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



109.3480, 22.9994, 90.0258



112.4760, -55.4507, 52.2025



93.8760, -5.8549, -82.3293



107.3060, 65.9111, -94.1074



# Rectangle

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



109.3480, 22.9994, 90.0258



106.1560, -26.2059, 98.9642



93.8760, -5.8549, -82.3293



107.1340, 39.8669, -93.9565

# Sweetspot

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



109.3480, 22.9994, 90.0258



218.0870, 8.3381, 32.3727



83.1410, 63.5275, 17.4163



105.3860, 4.7397, 19.8325



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.



109.3480, 22.9994, 90.0258



106.6470, 33.2050, 130.1056



100.1140, -12.3812, 98.1240



100.0870, 1.4361, 6.0627



64.0110, 24.1516, 93.8294



16.1630, 6.3286, 23.5360



# Inverse Universe

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



109.3480, 22.9994, 90.0258



106.6470, 33.2050, 130.1056



159.8860, 12.3812, -98.1240



100.0870, 1.4361, 6.0627



64.0110, 24.1516, 93.8294



16.1630, 6.3286, 23.5360



# Previews

## White Background



This preview shows how the YUV color 109.3480, 22.9994, 90.0258 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 109.3480, 22.9994, 90.0258 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

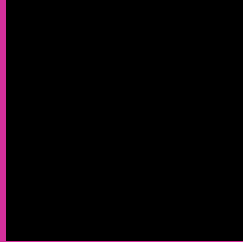
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 109.3480, 22.9994, 90.0258

## Background



This preview shows how black text looks on a background with the YUV color 109.3480, 22.9994, 90.0258.



This preview shows how white text looks on a background with the YUV color 109.3480, 22.9994, 90.0258.



# 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

109.3480, 22.9994, 90.0258

### Protanopia

116.3110, 45.2027, -31.8447

### Deuteranopia

120.7190, 12.9565, -2.3846



## Tritanopia

113.9240, -17.7105, 80.7507

# Trichromacy



## Original Color

109.3480, 22.9994, 90.0258

## Protanomaly

113.8220, 37.0628, 12.4341

## Deuteranomaly

116.5520, 16.4899, 31.0879

## Tritanomaly

112.4310, -3.1705, 83.8140

# Monochromacy



## Original Color

109.3480, 22.9994, 90.0258

## Achromatopsia

109.0000, 0.0000, 0.0000

## Achromatomaly

109.0870, 8.3381, 32.3727

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 109.3480, 22.9994, 90.0258 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(212, 48, 156)` looks like.

```
.text, #text, p{  
    color:rgb(212, 48, 156)  
}
```

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(212, 48, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 48, 156) }
```

## Border

The CSS property to change the border of an element to YUV 109.3480, 22.9994, 90.0258 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(212, 48, 156) }
```



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

```
.border{ border-color:rgb(212, 48, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 48, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 48, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 48, 156);  
box-shadow:4px 4px 4px 4px rgb(212, 48,  
156) }
```

# Background

The CSS property to change the background color of an element to YUV 109.3480, 22.9994, 90.0258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 48, 156) }
```

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

```
.background{ background-color: rgb(212, 48,  
156) }
```

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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