

Converting Colors

YUV(109.4200, 20.4989,
98.7327)

Have a look what the booklet for
YUV(109.4200, 20.4989, 98.7327)
contains.

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Color

**YUV(109.4200, 20.4989,
98.7327)**

Conversions

Conversions Part 1

Format	Color
Hex	DE2C97
RGB	222, 44, 151
RGB Percent	87%, 17%, 59%
CMY	0.1294, 0.8275, 0.4078
CMYK	0.00, 0.80, 0.32, 0.13
HSL	324°, 73%, 52%
HSV	324°, 80%, 87%
XYZ	36.6108, 19.5653, 31.1250
YIQ	109.4200, 71.7410, 71.0130

Conversions

Conversions Part 2

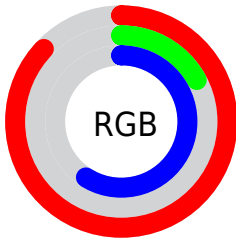
Format	Color
R_{YB}	222, 44, 151
Decimal	14560407
CIE _{Lab}	51.34, 73.53, -15.64
CIE _{LCh}	51, 75.175, 347.991
Yxy	19.5653, 0.4194, 0.2241
Android (android.graphics.Color)	4292750487 (0xFFDE2C97)
YUV	109.4200, 20.4989, 98.7327
Hunter-Lab	44.2327, 70.3347, -10.7574

Details

The YUV color **109.4200, 20.4989, 98.7327** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **156.5800, -20.4989, -98.7327**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.1850, 20.1218, 79.6448**, and **59.8380, 19.7999, 89.5961** is the 20% darker color. If you saturate the color by 10%, you get **95.4800, 22.9344, 110.9580**, and if you desaturate by 10%, it is **123.3600, 18.0635, 86.5073**.

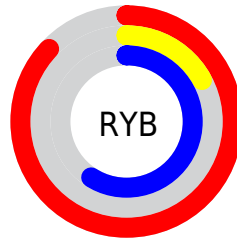
Distribution



Red (87%)

Green (17%)

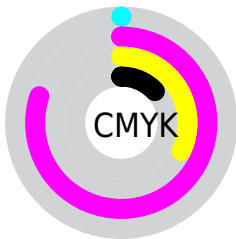
Blue (59%)



Red (87%)

Yellow (17%)

Blue (59%)

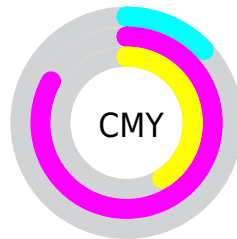


Cyan (0%)

Magenta (80%)

Yellow (32%)

Black (13%)



Cyan (13%)


Magenta (83%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.4200, 20.4989, 98.7327 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 109.4200, 20.4989, 98.7327 by changing the saturation by 10% instead.


 109.4200, 20.4989,
98.7327


 109.4200, 20.4989,
98.7327


255.0000, 0.0000,
0.0000


 71.6580, 26.2976,
105.5399

 164.1850, 20.1218,
79.6448


 59.8380, 19.7999,
89.5961

 184.4000, 23.9598,
61.9162


 48.1320, 13.7389,
73.5522


 204.5180, 24.8876,
44.2727

 36.8390, 7.9674,
58.0232

 221.5410, 16.4953,
29.3435

 26.3720, 2.7746,
43.5238

 239.1510, 7.8136,
13.8996

 14.3950, -5.6177,
28.5946

 0.0000, 0.0000,

0.0000

■ 109.4200, 20.4989,
98.7327

■ 109.4200, 20.4989,
98.7327

■ 95.4800, 22.9344,
110.9580

■ 123.3600, 18.0635,
86.5073

■ 81.5400, 25.3698,
123.1834

■ 137.3000, 15.6281,
74.2819

■ 151.8270, 12.9033,
61.5417

■ 165.6530, 10.0311,
49.4163

■ 179.5930, 7.5957,
37.1909

■ 193.5330, 5.1602,
24.9656

■ 207.4730, 2.7248,
12.7402

■ 222.0000, 0.0000,
0.0000

■ 235.9400, -2.4354,
-12.2254

Harmonies

Analogous

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



123.6760, 42.0647, 41.5031



109.4200, 20.4989, 98.7327



104.2390, -8.4988, 112.9234

Triad

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



109.4200, 20.4989, 98.7327



110.3850, -54.4198, 1.4164



111.1410, 52.6815, -97.4707

Complementary

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



109.4200, 20.4989, 98.7327



156.5800, -20.4989, -98.7327

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.



106.2900, 26.4790, -93.2163



109.4200, 20.4989, 98.7327



86.1070, -33.0838, -75.5158

Square

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



109.4200, 20.4989, 98.7327



115.4000, -56.8922, 47.8842



97.4780, -2.2077, -85.4882



109.3920, 68.8267, -95.9368

Rectangle

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



109.4200, 20.4989, 98.7327



110.3640, -31.7315, 97.9048



97.4780, -2.2077, -85.4882



110.3770, 44.6771, -96.8006

Sweetspot

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



109.4200, 20.4989, 98.7327



216.4570, 7.1697, 33.8022



84.6240, 67.7264, 24.0088



104.5710, 4.1555, 20.5472



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.



109.4200, 20.4989, 98.7327



100.0130, 28.0946, 135.9236



99.6160, -17.0657, 107.3308



105.0870, 1.4361, 6.0627



64.7080, 20.3570, 97.6031



17.6580, 5.5916, 26.6099

Inverse Universe

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



109.4200, 20.4989, 98.7327



100.0130, 28.0946, 135.9236



166.3840, 17.0657, -107.3308



105.0870, 1.4361, 6.0627



64.7080, 20.3570, 97.6031



17.6580, 5.5916, 26.6099

Previews

White Background



This preview shows how the YUV color 109.4200, 20.4989, 98.7327 looks on a white background.

Color Contrast Check

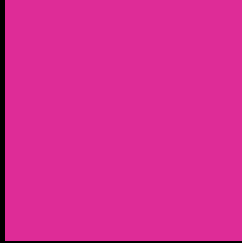
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.4200, 20.4989, 98.7327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

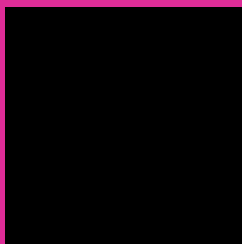
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.4200, 20.4989, 98.7327

Background



This preview shows how black text looks on a background with the YUV color 109.4200, 20.4989, 98.7327.



This preview shows how white text looks on a background with the YUV color 109.4200, 20.4989, 98.7327.

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

109.4200, 20.4989, 98.7327

Protanopia

120.1220, 41.8449, -28.1710

Deuteranopia

124.3020, 8.7251, 1.4891



Tritanopia

114.4090, -19.9216, 89.9723

Trichromacy



Original Color

109.4200, 20.4989, 98.7327



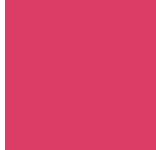
Protanomaly

116.0570, 33.9889, 18.3670



Deuteranomaly

118.6730, 12.9792, 37.1208



Tritanomaly

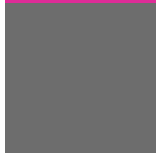
112.9160, -5.3816, 93.0357

Monochromacy



Original Color

109.4200, 20.4989, 98.7327



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.8810, 7.4537, 36.0614

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4200, 20.4989, 98.7327 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(222, 44, 151)` looks like.

```
.text, #text, p{  
    color:rgb(222, 44, 151)  
}
```

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(222, 44, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 44, 151) }
```

Border

The CSS property to change the border of an element to YUV 109.4200, 20.4989, 98.7327 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(222, 44, 151) }
```


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

```
.border{ border-color:rgb(222, 44, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 44, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 44, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 44, 151);  
box-shadow:4px 4px 4px 4px rgb(222, 44,  
151) }
```

Background

The CSS property to change the background color of an element to YUV 109.4200, 20.4989, 98.7327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 44, 151) }
```

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

```
.background{ background-color: rgb(222, 44,  
151) }
```

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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