

Converting Colors

YUV(109.9180, 25.1834,
89.5259)

Have a look what the booklet for
YUV(109.9180, 25.1834, 89.5259)
contains.

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Color

**YUV(109.9180, 25.1834,
89.5259)**

Conversions

Conversions Part 1

Format	Color
Hex	D430A1
RGB	212, 48, 161
RGB Percent	83%, 19%, 63%
CMY	0.1686, 0.8118, 0.3686
CMYK	0.00, 0.77, 0.24, 0.17
HSL	319°, 66%, 51%
HSV	319°, 77%, 83%
XYZ	34.6414, 18.6842, 35.4988
YIQ	109.9180, 61.4710, 69.9110

Conversions

Conversions Part 2

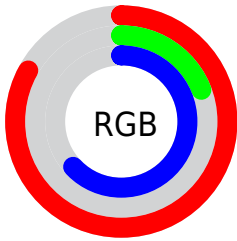
Format	Color
R _Y B	212, 48, 161
Decimal	13906081
CIE Lab	50.32, 71.31, -23.31
CIE LCh	50, 75.025, 341.895
Yxy	18.6842, 0.3900, 0.2103
Android (android.graphics.Color)	4292096161 (0xFFD430A1)
YUV	109.9180, 25.1834, 89.5259
Hunter-Lab	43.2252, 67.4087, -18.4345

Details

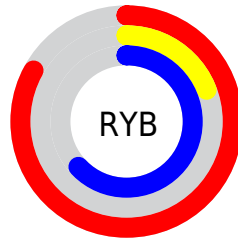
The YUV color **109.9180, 25.1834, 89.5259** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **150.0820, -25.1834, -89.5259**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.0260, 24.6372, 78.0302**, and **58.1730, 25.0577, 83.1633** is the 20% darker color. If you saturate the color by 10%, you get **96.7930, 28.2031, 101.0365**, and if you desaturate by 10%, it is **123.0430, 22.1638, 78.0153**.

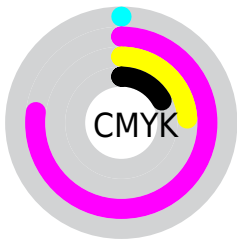
Distribution



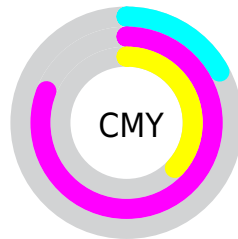
- Red (83%)
- Green (19%)
- Blue (63%)



- Red (83%)
- Yellow (19%)
- Blue (63%)



- Cyan (0%)
- Magenta (77%)
- Yellow (24%)
- Black (17%)





- Cyan (17%)
- Magenta (81%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.9180, 25.1834, 89.5259 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 109.9180, 25.1834, 89.5259 by changing the saturation by 10% instead.


 109.9180, 25.1834,
89.5259


 109.9180, 25.1834,
89.5259


255.0000, 0.0000,
0.0000


 69.8080, 32.1397,
98.3924


 166.0260, 24.6372,
78.0302


 58.1730, 25.0577,
83.1633

 186.3550, 28.9120,
60.2017

 46.7660, 18.8494,
67.7342

 205.1050, 24.5982,
43.7579

 35.3590, 12.6410,
52.3052

 222.1280, 16.2059,
28.8287

 25.0770, 6.8640,
38.5205

 239.7380, 7.5242,
13.3848

 13.7840, 1.0925,
22.9914

 0.0000, 0.0000,

0.0000

■ 109.9180, 25.1834,
89.5259

■ 109.9180, 25.1834,
89.5259

■ 96.7930, 28.2031,
101.0365

■ 123.0430, 22.1638,
78.0153

■ 83.7820, 31.6595,
112.4472

■ 136.0540, 18.7074,
66.6046

■ 80.0320, 32.5222,
115.7359

■ 149.7660, 15.3984,
54.5792

■ 162.7770, 11.9419,
43.1686

■ 175.9020, 8.9223,
31.6579

■ 189.0270, 5.9027,
20.1473

■ 202.0380, 2.4463,
8.7367

■ 215.7500, -0.8628,
-3.2887

■ 228.7610, -4.3192,
-14.6994

Harmonies

Analogous

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



122.3150, 46.1867, 26.0337



109.9180, 25.1834, 89.5259



98.6120, -0.7947, 115.2273

Triad

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



109.9180, 25.1834, 89.5259



109.8530, -54.1575, 10.6529



108.9580, 46.8557, -95.5562

Complementary

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



109.9180, 25.1834, 89.5259



150.0820, -25.1834, -89.5259

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



109.9180, 25.1834, 89.5259



93.2650, -45.9796, -45.8364

Square

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



109.9180, 25.1834, 89.5259



112.4980, -55.4615, 55.6913



93.8930, -8.3282, -82.3442



108.5940, 65.7692, -95.2369

Rectangle

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



109.9180, 25.1834, 89.5259



105.3460, -24.3276, 103.1826



93.8930, -8.3282, -82.3442



107.4930, 38.7040, -94.2714

Sweetspot

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



109.9180, 25.1834, 89.5259



218.3150, 9.2117, 32.1727



81.3470, 64.4119, 13.7277



105.5000, 5.1765, 19.7325



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.



109.9180, 25.1834, 89.5259



107.4450, 36.2626, 129.4057



100.7980, -9.7604, 97.5242



100.2010, 1.8729, 5.9627



64.5810, 26.3356, 93.3295



16.2770, 6.7654, 23.4361

Inverse Universe

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



109.9180, 25.1834, 89.5259



107.4450, 36.2626, 129.4057



159.2020, 9.7604, -97.5242



100.2010, 1.8729, 5.9627



64.5810, 26.3356, 93.3295



16.2770, 6.7654, 23.4361

Previews

White Background



This preview shows how the YUV color 109.9180, 25.1834, 89.5259 looks on a white background.

Color Contrast Check

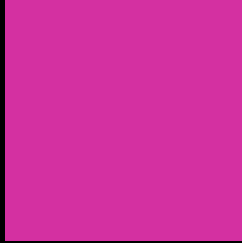
Large Text (above 18pt) WCAG AA ✓ Pass

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 109.9180, 25.1834, 89.5259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

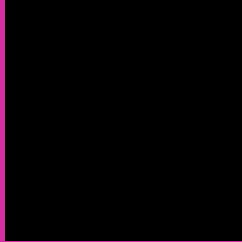
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 109.9180, 25.1834, 89.5259

Background



This preview shows how black text looks on a background with the YUV color 109.9180, 25.1834, 89.5259.



This preview shows how white text looks on a background with the YUV color 109.9180, 25.1834,

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

109.9180, 25.1834, 89.5259

Protanopia

115.5000, 48.5605, -35.5185

Deuteranopia

121.2780, 15.1459, -4.6288



Tritanopia

114.4400, -16.9789, 79.4211

Trichromacy



Original Color

109.9180, 25.1834, 89.5259



Protanomaly

113.6090, 40.1258, 9.9899



Deuteranomaly

117.4100, 18.5319, 29.4584



Tritanomaly

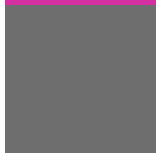
112.7730, -1.8601, 83.5141

Monochromacy



Original Color

109.9180, 25.1834, 89.5259



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.7280, 9.5011, 32.6875

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9180, 25.1834, 89.5259 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(212, 48, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 48, 161) }
```

Border

The CSS property to change the border of an element to YUV 109.9180, 25.1834, 89.5259 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, 161) }
```


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

```
.border{ border-color:rgb(212, 48, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 48, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 48, 161);  
box-shadow:4px 4px 4px 4px rgb(212, 48,  
161) }
```

Background

The CSS property to change the background color of an element to YUV 109.9180, 25.1834, 89.5259 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, 161) }
```

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

```
.background{ background-color: rgb(212, 48,  
161) }
```

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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