

Converting Colors

YUV(136.6310, 16.9439,
72.2376)

Have a look what the booklet for
YUV(136.6310, 16.9439, 72.2376)
contains.

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Color

**YUV(136.6310, 16.9439,
72.2376)**

Conversions

Conversions Part 1

Format	Color
Hex	DB58AB
RGB	219, 88, 171
RGB Percent	86%, 35%, 67%
CMY	0.1412, 0.6549, 0.3294
CMYK	0.00, 0.60, 0.22, 0.14
HSL	322°, 65%, 60%
HSV	322°, 60%, 86%
XYZ	40.0538, 24.9798, 41.2386
YIQ	136.6310, 51.4330, 53.5850

Conversions

Conversions Part 2

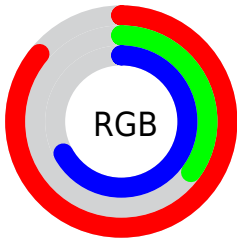
Format	Color
R _Y B	219, 88, 171
Decimal	14375083
CIE Lab	57.06, 59.97, -18.74
CIE LCh	57, 62.828, 342.641
Yxy	24.9798, 0.3769, 0.2351
Android (android.graphics.Color)	4292565163 (0xFFDB58AB)
YUV	136.6310, 16.9439, 72.2376
Hunter-Lab	49.9798, 55.5854, -13.9346

Details

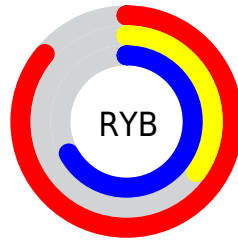
The YUV color **136.6310, 16.9439, 72.2376** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **170.3690, -16.9439, -72.2376**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5370, 19.4553, 60.0421**, and **76.3800, 21.0117, 74.2117** is the 20% darker color. If you saturate the color by 10%, you get **122.8050, 19.8161, 84.3630**, and if you desaturate by 10%, it is **150.4570, 14.0717, 60.1122**.

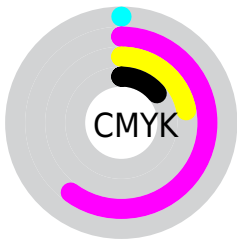
Distribution



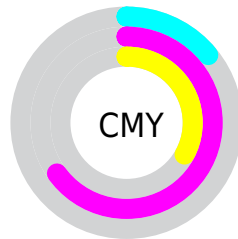
- Red (86%)
- Green (35%)
- Blue (67%)



- Red (86%)
- Yellow (35%)
- Blue (67%)



- Cyan (0%)
- Magenta (60%)
- Yellow (22%)
- Black (14%)





- Cyan (14%)
- Magenta (65%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.6310, 16.9439, 72.2376 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 136.6310, 16.9439, 72.2376 by changing the saturation by 10% instead.


 136.6310, 16.9439,
72.2376


 136.6310, 16.9439,
72.2376


255.0000, 0.0000,
0.0000


 107.8590, 17.8175,
72.0377


 186.5370, 19.4553,
60.0421

 76.3800, 21.0117,
74.2117


 206.2790, 24.0195,
42.7283

 50.1840, 21.6013,
71.7526

 223.3020, 15.6271,
27.7991

 39.0760, 15.2455,
56.9383

 240.3250, 7.2348,
12.8700

 28.3810, 9.1792,
42.6389

 18.6260, 4.1284,
29.2690

 3.2890, -1.6215,

6.7625

■ 0.0000, 0.0000,
0.0000

■ 136.6310, 16.9439,
72.2376

■ 136.6310, 16.9439,
72.2376

■ 122.8050, 19.8161,
84.3630

■ 150.4570, 14.0717,
60.1122

■ 108.9790, 22.6884,
96.4884

■ 164.2830, 11.1995,
47.9868

■ 95.1530, 25.5606,
108.6138

■ 178.1090, 8.3273,
35.8614

■ 81.3270, 28.4328,
120.7392

■ 191.9350, 5.4550,
23.7360

■ 205.1740, 2.8722,
12.1254

■ 219.0000, 0.0000,
0.0000

■ 232.8260, -2.8722,
-12.1254

■ 241.9560, -3.4293,
-20.1324

■ 242.8680, 0.0651,
-20.9322

Harmonies

Analogous

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



141.1270, 37.8984, 24.4446



136.6310, 16.9439, 72.2376



131.6230, -7.7021, 90.6616

Triad

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



136.6310, 16.9439, 72.2376



125.8120, -62.0253, 14.1969



117.8600, 45.4250, -103.3632

Complementary

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



136.6310, 16.9439, 72.2376



170.3690, -16.9439, -72.2376

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.



113.8070, 22.2801, -99.8087



136.6310, 16.9439, 72.2376



119.9040, -34.9557, -34.9958

Square

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



136.6310, 16.9439, 72.2376



130.7640, -55.5927, 51.0730



105.5480, -1.7492, -92.5656



116.8120, 61.7177, -102.4441

Rectangle

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



136.6310, 16.9439, 72.2376



132.0080, -25.1469, 85.9390



105.5480, -1.7492, -92.5656



117.3240, 38.2943, -102.8931

Sweetspot

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



136.6310, 16.9439, 72.2376



226.0600, 5.8864, 25.3804



116.6880, 50.4398, 15.1826



109.7230, 3.5876, 16.0289



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.



136.6310, 16.9439, 72.2376



139.3540, 23.9825, 101.4215



129.4490, -10.5744, 78.5362



103.0870, 1.4361, 6.0627



64.2670, 22.5464, 95.3588



17.0600, 5.8864, 25.3804

Inverse Universe

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



136.6310, 16.9439, 72.2376



139.3540, 23.9825, 101.4215



177.5510, 10.5744, -78.5362



103.0870, 1.4361, 6.0627



64.2670, 22.5464, 95.3588



17.0600, 5.8864, 25.3804

Previews

White Background



This preview shows how the YUV color 136.6310, 16.9439, 72.2376 looks on a white background.

Color Contrast Check

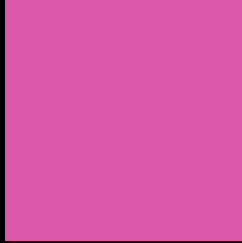
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.6310, 16.9439, 72.2376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

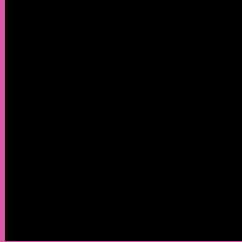
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 136.6310, 16.9439, 72.2376

Background



This preview shows how black text looks on a background with the YUV color 136.6310, 16.9439, 72.2376.



This preview shows how white text looks on a background with the YUV color 136.6310, 16.9439,

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

136.6310, 16.9439, 72.2376

Protanopia

136.5160, 34.2556, -20.6235

Deuteranopia

138.6160, 12.5143, -0.5402



Tritanopia

136.6880, -13.1572, 66.9256

Trichromacy



Original Color

136.6310, 16.9439, 72.2376



Protanomaly

136.7160, 27.7480, 13.4041



Deuteranomaly

137.6500, 14.4695, 25.7399



Tritanomaly

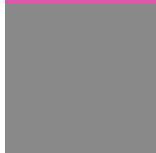
136.8590, -2.3955, 68.5297

Monochromacy



Original Color

136.6310, 16.9439, 72.2376



Achromatopsia

137.0000, 0.0000, 0.0000



Achromatomaly

136.7720, 6.0284, 26.5100

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.6310, 16.9439, 72.2376 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(219, 88, 171)` looks like.

```
.text, #text, p{  
    color:rgb(219, 88, 171)  
}
```

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(219, 88, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 88, 171) }
```

Border

The CSS property to change the border of an element to YUV 136.6310, 16.9439, 72.2376 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(219, 88, 171) }
```


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

```
.border{ border-color:rgb(219, 88, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 88, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 88, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 88, 171);  
box-shadow:4px 4px 4px 4px rgb(219, 88,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 136.6310, 16.9439, 72.2376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 88, 171) }
```

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

```
.background{ background-color: rgb(219, 88,  
171) }
```

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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