

Converting Colors

$Yxy(39.8845, 0.3422, 0.2939)$

Have a look what the booklet for
Yxy(39.8845, 0.3422, 0.2939)
contains.

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Color

Yxy(39.8615, 0.3418, 0.2936)

Conversions

Conversions Part 1

Format	Color
Hex	D299B6
RGB	210, 153, 182
RGB Percent	82%, 60%, 71%
CMY	0.1766, 0.3999, 0.2863
CMYK	0.00, 0.27, 0.13, 0.18
HSL	329°, 39%, 71%
HSV	329°, 27%, 82%
XYZ	46.4055, 39.8615, 49.5010
YIQ	173.3490, 24.6630, 21.1030

Conversions

Conversions Part 2

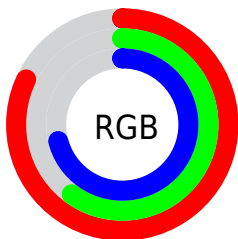
Format	Color
R _Y B	210, 153, 182
Decimal	13801910
CIE Lab	69.37, 25.74, -6.59
CIE LCh	69, 26.568, 345.628
Yxy	39.8615, 0.3418, 0.2936
Android (android.graphics.Color)	4291991990 (0xFFD299B6)
YUV	173.3490, 4.2649, 32.1429
Hunter-Lab	63.1360, 20.7112, -2.2905

Details

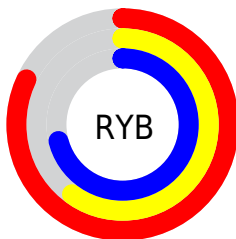
The Yxy color **39.8615, 0.3418, 0.2936** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **56.1873, 0.2911, 0.3674**, and the grayscale version is **41.9452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5448, 0.3267, 0.2992**, and **17.8609, 0.3511, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **33.1722, 0.3566, 0.2800**, and if you desaturate by 10%, it is **47.7952, 0.3294, 0.3071**.

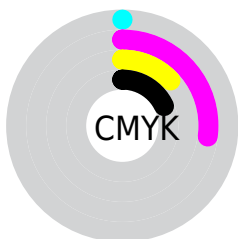
Distribution



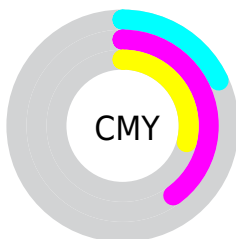
- Red (82%)
- Green (60%)
- Blue (71%)



- Red (82%)
- Yellow (60%)
- Blue (71%)



- Cyan (0%)
- Magenta (27%)
- Yellow (13%)
- Black (18%)





- Cyan (18%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8615, 0.3418, 0.2936 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 Yxy color 39.8615, 0.3418, 0.2936 by changing the saturation by 10% instead.


 39.8615, 0.3418,
0.2936


 39.8615, 0.3418,
0.2936


345.5395, 0.3271,
0.3113

 27.4306, 0.3455,
0.2892


 74.9526, 0.3364,
0.3000

 17.8969, 0.3503,
0.2835


 98.3815, 0.3344,
0.3024

 10.8760, 0.3567,
0.2760


126.2452, 0.3327,
0.3045

 5.9835, 0.3658,
0.2656

158.9281, 0.3313,
0.3062

 2.8350, 0.3795,
0.2500

196.8146, 0.3300,
0.3077

 1.0462, 0.4026,
0.2247

240.2891, 0.3289,


 0.0000, 0.5934,


0.3091


0.0000


289.7359, 0.3280,
0.3102

 0.0000, 0.0000,
0.0000

 39.8615, 0.3418,
0.2936


 39.8615, 0.3418,
0.2936


 33.1722, 0.3566,
0.2800


 47.7952, 0.3294,
0.3071


 27.6579, 0.3739,
0.2671


 57.0273, 0.3190,
0.3202


 23.2505, 0.3937,
0.2556

 67.6150, 0.3104,
0.3325

 19.8726, 0.4158,
0.2468

 79.6109, 0.3033,
0.3439

 17.4370, 0.4395,
0.2419

 91.1323, 0.2974,
0.3515

■ 15.8414, 0.4638,
0.2420

■ 91.7410, 0.2919,
0.3405

■ 14.9495, 0.4873,
0.2474

■ 92.3848, 0.2864,
0.3298

■ 14.7548, 0.4940,
0.2495

■ 92.4368, 0.2860,
0.3289

Harmonies

Analogous

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



39.8615, 0.3019, 0.2732



39.8615, 0.3418, 0.2936



39.8615, 0.3751, 0.3225

Triad

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



39.8615, 0.3418, 0.2936



39.8615, 0.3570, 0.3984



39.8615, 0.2407, 0.2958

Complementary

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



39.8615, 0.3418, 0.2936



56.1873, 0.2911, 0.3674

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.



39.8615, 0.2534, 0.3310



39.8615, 0.3418, 0.2936



39.8615, 0.3196, 0.3941

Square

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



39.8615, 0.3418, 0.2936



39.8615, 0.3835, 0.3825



39.8615, 0.2818, 0.3685



39.8615, 0.2456, 0.2728

Rectangle

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



39.8615, 0.3418, 0.2936



39.8615, 0.3878, 0.3439



39.8615, 0.2818, 0.3685



39.8615, 0.2430, 0.3065

Sweetspot

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



39.8633, 0.3418, 0.2936



87.0392, 0.3199, 0.3189



37.2096, 0.2893, 0.2564



18.1413, 0.3214, 0.3170



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.8633, 0.3418, 0.2936



55.1671, 0.3507, 0.2851



38.8182, 0.3700, 0.3280



11.9072, 0.3212, 0.3172



9.0238, 0.4908, 0.2477



0.5206, 0.4513, 0.2260

Inverse Universe

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



39.8633, 0.3418, 0.2936



55.1671, 0.3507, 0.2851



57.4557, 0.2740, 0.3301



11.9072, 0.3212, 0.3172



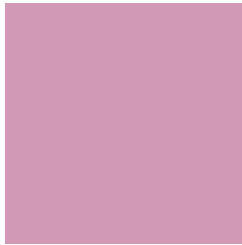
9.0238, 0.4908, 0.2477



0.5206, 0.4513, 0.2260

Previews

White Background



This preview shows how the Yxy color 39.8615, 0.3418, 0.2936 looks on a white background.

Color Contrast Check

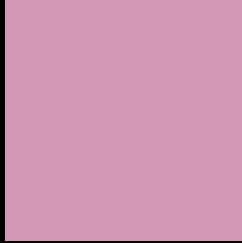
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 39.8615, 0.3418, 0.2936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

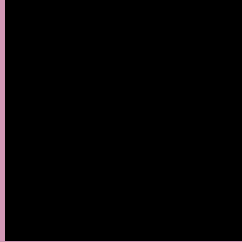
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8615, 0.3418, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 39.8615, 0.3418, 0.2936.



This preview shows how white text looks on a background with the Yxy color 39.8615, 0.3418, 0.2936.

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

39.8615, 0.3418, 0.2936

Protanopia

39.9180, 0.2914, 0.2964

Deuteranopia

40.1506, 0.3155, 0.3091



Tritanopia

39.9769, 0.3540, 0.3154

Trichromacy



Original Color

39.8615, 0.3418, 0.2936

Protanomaly

39.7703, 0.3087, 0.2961

Deuteranomaly

40.0324, 0.3243, 0.3032

Tritanomaly

39.9766, 0.3503, 0.3080

Monochromacy



Original Color

39.8615, 0.3418, 0.2936

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8461, 0.3226, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8615, 0.3418, 0.2936 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(210, 153, 182)` looks like.

```
.text, #text, p{  
    color:rgb(210, 153, 182)  
}
```

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(210, 153, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 153, 182) }
```

Border

The CSS property to change the border of an element to Yxy 39.8615, 0.3418, 0.2936 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(210, 153, 182) }
```

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

```
.border{ border-color:rgb(210, 153, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 153, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 153, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 153, 182);  
box-shadow:4px 4px 4px 4px rgb(210, 153,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8615, 0.3418, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 153, 182) }
```

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

```
.background{ background-color: rgb(210,  
153, 182) }
```

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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