

Converting Colors

$Yxy(39.1284, 0.3221, 0.2919)$

Have a look what the booklet for
Yxy(39.1284, 0.3221, 0.2919)
contains.

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Color

Yxy(39.1284, 0.3221, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	C29DBA
RGB	194, 157, 186
RGB Percent	76%, 62%, 73%
CMY	0.2391, 0.3844, 0.2705
CMYK	0.00, 0.19, 0.04, 0.24
HSL	313°, 23%, 69%
HSV	313°, 19%, 76%
XYZ	43.1766, 39.1284, 51.7422
YIQ	171.3690, 12.7430, 16.8630

Conversions

Conversions Part 2

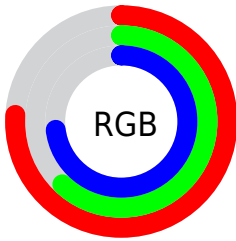
Format	Color
RYB	194, 157, 186
Decimal	12754362
CIELab	68.84, 18.65, -9.79
CIELCh	69, 21.067, 332.311
Yxy	39.1284, 0.3221, 0.2919
Android (android.graphics.Color)	4290944442 (0xFFC29DBA)
YUV	171.3690, 7.2131, 19.8474
Hunter-Lab	62.5527, 13.7413, -5.2565

Details

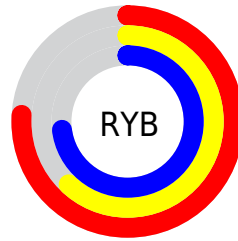
The Yxy color **39.1284, 0.3221, 0.2919** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.4839, 0.3045, 0.3692**, and the grayscale version is **40.8807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0070, 0.3207, 0.2991**, and **17.3721, 0.3244, 0.2804** is the 20% darker color. If you saturate the color by 10%, you get **32.9021, 0.3281, 0.2718**, and if you desaturate by 10%, it is **46.4060, 0.3169, 0.3117**.

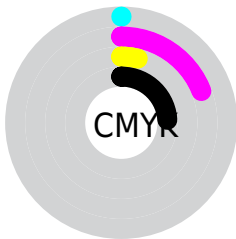
Distribution



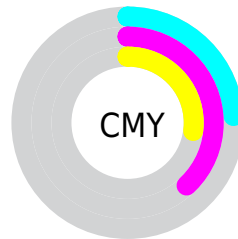
- Red (76%)
- Green (62%)
- Blue (73%)



- Red (76%)
- Yellow (62%)
- Blue (73%)



- Cyan (0%)
- Magenta (19%)
- Yellow (4%)
- Black (24%)



- Cyan (24%)
- Magenta (38%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1284, 0.3221, 0.2919 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 39.1284, 0.3221, 0.2919 by changing the saturation by 10% instead.


 39.1284, 0.3221,
0.2919


 39.1284, 0.3221,
0.2919


342.4361, 0.3175,
0.3104

 26.8596, 0.3232,
0.2873

 73.8344, 0.3205,
0.2986

 17.4678, 0.3246,
0.2813


 97.0405, 0.3198,
0.3012

 10.5686, 0.3264,
0.2735


124.6611, 0.3193,
0.3033

 5.7776, 0.3289,
0.2625

157.0806, 0.3189,
0.3051

 2.7103, 0.3324,
0.2461

194.6835, 0.3185,
0.3067

 0.9824, 0.3376,
0.2194

237.8541, 0.3181,

 0.0000, 0.3798,

0.3081


0.0000


286.9768, 0.3178,
0.3094

 0.0000, 0.0000,
0.0000


 39.1284, 0.3221,
0.2919


 39.1284, 0.3221,
0.2919

 32.9021, 0.3281,
0.2718


 46.4060, 0.3169,
0.3117


 27.6729, 0.3349,
0.2521


 54.7757, 0.3123,
0.3307

 23.3893, 0.3424,
0.2336

 64.2823, 0.3085,
0.3487

 19.9933, 0.3504,
0.2172

 74.9667, 0.3052,
0.3655

 17.4204, 0.3589,
0.2039

 86.8677, 0.3025,
0.3810

■ 15.5975, 0.3675,
0.1946

■ 87.7081, 0.3002,
0.3772

■ 14.4383, 0.3759,
0.1899

■ 87.9217, 0.2979,
0.3724

■ 13.7936, 0.3841,
0.1893

■ 88.1409, 0.2957,
0.3677

■ 13.7430, 0.3848,
0.1893

■ 88.3657, 0.2934,
0.3629

Harmonies

Analogous

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



39.1284, 0.2910, 0.2795



39.1284, 0.3221, 0.2919



39.1284, 0.3520, 0.3131

Triad

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



39.1284, 0.3221, 0.2919



39.1284, 0.3593, 0.3807



39.1284, 0.2575, 0.3146

Complementary

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



39.1284, 0.3221, 0.2919



48.4839, 0.3045, 0.3692

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.



39.1284, 0.2740, 0.3444



39.1284, 0.3221, 0.2919



39.1284, 0.3324, 0.3842

Square

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



39.1284, 0.3221, 0.2919



39.1284, 0.3739, 0.3634



39.1284, 0.3012, 0.3708



39.1284, 0.2549, 0.2910

Rectangle

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



39.1284, 0.3221, 0.2919



39.1284, 0.3665, 0.3300



39.1284, 0.3012, 0.3708



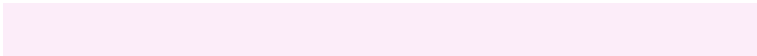
39.1284, 0.2615, 0.3243

Sweetspot

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



39.1301, 0.3221, 0.2919



88.3739, 0.3154, 0.3175



35.9414, 0.2879, 0.2783



19.1385, 0.3157, 0.3162



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.



39.1301, 0.3221, 0.2919



65.8199, 0.3246, 0.2833



38.4150, 0.3389, 0.3145



10.2090, 0.3170, 0.3111



9.0442, 0.3838, 0.1888



0.4003, 0.3671, 0.1796

Inverse Universe

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



39.1301, 0.3221, 0.2919



65.8199, 0.3246, 0.2833



49.1828, 0.2919, 0.3440



10.2090, 0.3170, 0.3111



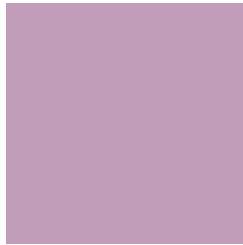
9.0442, 0.3838, 0.1888



0.4003, 0.3671, 0.1796

Previews

White Background



This preview shows how the Yxy color 39.1284, 0.3221, 0.2919 looks on a white background.

Color Contrast Check

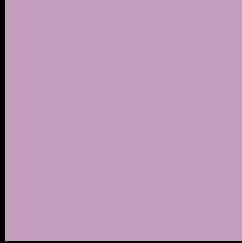
Large Text (above 18pt) WCAG AA × Fail

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 39.1284, 0.3221, 0.2919 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 39.1284, 0.3221, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 39.1284, 0.3221, 0.2919.



This preview shows how white text looks on a background with the Yxy color 39.1284, 0.3221, 0.2919.

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

39.1284, 0.3221, 0.2919

Protanopia

39.3357, 0.2897, 0.2949

Deuteranopia

39.4008, 0.3067, 0.3009



Tritanopia

38.9813, 0.3329, 0.3120

Trichromacy



Original Color

39.1284, 0.3221, 0.2919

Protanomaly

39.0261, 0.3008, 0.2929

Deuteranomaly

39.0598, 0.3123, 0.2973

Tritanomaly

38.9655, 0.3293, 0.3044

Monochromacy



Original Color

39.1284, 0.3221, 0.2919

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.9907, 0.3161, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1284, 0.3221, 0.2919 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(194, 157, 186)` looks like.

```
.text, #text, p{  
    color:rgb(194, 157, 186)  
}
```

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(194, 157, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 157, 186) }
```

Border

The CSS property to change the border of an element to Yxy 39.1284, 0.3221, 0.2919 is called "border". The border property can be set on classes, ids or directly on the HTML element.

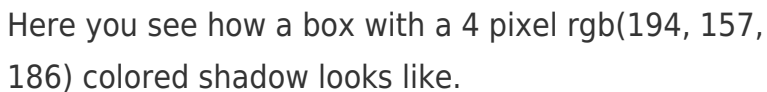
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(194, 157, 186) }
```

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

```
.border{ border-color:rgb(194, 157, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(194, 157, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 157, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 157, 186); box-shadow:4px 4px 4px 4px rgb(194, 157, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1284, 0.3221, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 157, 186) }
```

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

```
.background{ background-color: rgb(194,  
157, 186) }
```

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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