

Converting Colors

$Yxy(39.2032, 0.3342, 0.3102)$

Have a look what the booklet for
Yxy(39.2032, 0.3342, 0.3102)
contains.

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Color

Yxy(39.2827, 0.3339, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	C29FAD
RGB	194, 159, 173
RGB Percent	76%, 62%, 68%
CMY	0.2392, 0.3765, 0.3217
CMYK	0.00, 0.18, 0.11, 0.24
HSL	336°, 22%, 69%
HSV	336°, 18%, 76%
XYZ	42.1888, 39.2827, 44.8801
YIQ	171.0610, 16.3660, 11.7740

Conversions

Conversions Part 2

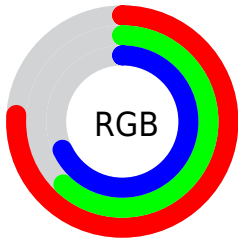
Format	Color
RYB	194, 159, 173
Decimal	12754861
CIELab	68.96, 15.22, -2.37
CIELCh	69, 15.403, 351.158
Yxy	39.2827, 0.3339, 0.3109
Android (android.graphics.Color)	4290944941 (0xFFC29FAD)
YUV	171.0610, 0.9559, 20.1175
Hunter-Lab	62.6759, 10.4701, 1.4176

Details

The Yxy color **39.2827, 0.3339, 0.3109** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.2565, 0.2955, 0.3479**, and the grayscale version is **40.7465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2038, 0.3303, 0.3149**, and **17.4713, 0.3400, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **32.6954, 0.3492, 0.3002**, and if you desaturate by 10%, it is **46.9602, 0.3212, 0.3212**.

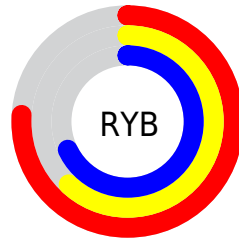
Distribution



Red (76%)

Green (62%)

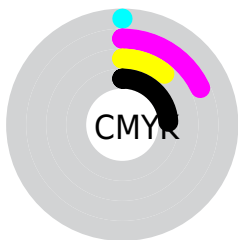
Blue (68%)



Red (76%)

Yellow (62%)

Blue (68%)

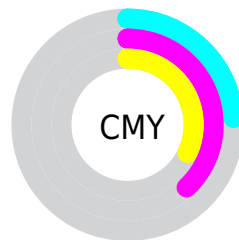


Cyan (0%)

Magenta (18%)

Yellow (11%)

Black (24%)



Cyan (24%)

Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2827, 0.3339, 0.3109 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 39.2827, 0.3339, 0.3109 by changing the saturation by 10% instead.


 39.2827, 0.3339,
0.3109


 39.2827, 0.3339,
0.3109


343.0909, 0.3231,
0.3201

 26.9797, 0.3367,
0.3085


 74.0700, 0.3299,
0.3143

 17.5580, 0.3403,
0.3055


 97.3231, 0.3284,
0.3155

 10.6331, 0.3453,
0.3014


124.9950, 0.3272,
0.3166

 5.8207, 0.3524,
0.2955

157.4702, 0.3261,
0.3175

 2.7364, 0.3634,
0.2865

195.1329, 0.3252,
0.3183

 0.9957, 0.3829,
0.2708

238.3677, 0.3244,

 0.0000, 0.8684,

0.3190

0.0000

287.5589, 0.3237,
0.3196

0.0000, 0.0000,
0.0000

39.2827, 0.3339,
0.3109

39.2827, 0.3339,
0.3109

32.6954, 0.3492,
0.3002

46.9602, 0.3212,
0.3212

27.1432, 0.3677,
0.2895

55.7690, 0.3108,
0.3308

22.5743, 0.3896,
0.2794

65.7548, 0.3023,
0.3398

18.9303, 0.4149,
0.2707

76.9590, 0.2953,
0.3481

16.1463, 0.4434,
0.2646

88.7754, 0.2895,
0.3546

■ 14.1491, 0.4738,
0.2624

■ 89.4573, 0.2834,
0.3418

■ 12.8529, 0.5045,
0.2651

■ 90.1840, 0.2775,
0.3293

■ 12.1279, 0.5335,
0.2727

■ 90.2107, 0.2773,
0.3289

■ 12.0125, 0.5390,
0.2743

Harmonies

Analogous

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



39.2827, 0.3111, 0.2971



39.2827, 0.3339, 0.3109



39.2827, 0.3513, 0.3294

Triad

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



39.2827, 0.3339, 0.3109



39.2827, 0.3354, 0.3695



39.2827, 0.2694, 0.3071

Complementary

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



39.2827, 0.3339, 0.3109



49.2565, 0.2955, 0.3479

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.



39.2827, 0.2754, 0.3267



39.2827, 0.3339, 0.3109



39.2827, 0.3131, 0.3640

Square

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



39.2827, 0.3339, 0.3109



39.2827, 0.3521, 0.3633



39.2827, 0.2912, 0.3480



39.2827, 0.2744, 0.2944

Rectangle

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



39.2827, 0.3339, 0.3109



39.2827, 0.3572, 0.3423



39.2827, 0.2912, 0.3480



39.2827, 0.2702, 0.3131

Sweetspot

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



39.2845, 0.3339, 0.3109



89.5825, 0.3179, 0.3241



38.3974, 0.3020, 0.2830



19.3750, 0.3187, 0.3234



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.



39.2845, 0.3339, 0.3109



65.7901, 0.3402, 0.3063



39.9928, 0.3464, 0.3337



10.1430, 0.3228, 0.3198



7.9122, 0.5356, 0.2724



0.3555, 0.4766, 0.2399

Inverse Universe

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



39.2845, 0.3339, 0.3109



65.7901, 0.3402, 0.3063



48.3150, 0.2856, 0.3243



10.1430, 0.3228, 0.3198



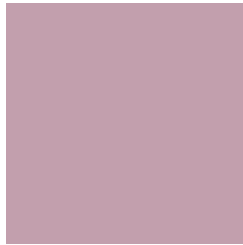
7.9122, 0.5356, 0.2724



0.3555, 0.4766, 0.2399

Previews

White Background



This preview shows how the Yxy color 39.2827, 0.3339, 0.3109 looks on a white background.

Color Contrast Check

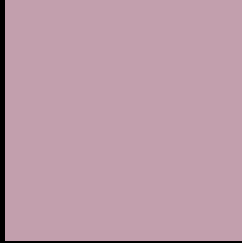
Large Text (above 18pt) WCAG AA × Fail

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 39.2827, 0.3339, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

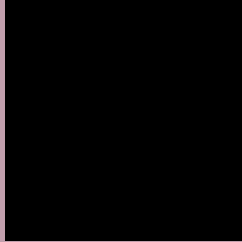
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2827, 0.3339, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 39.2827, 0.3339, 0.3109.



This preview shows how white text looks on a background with the Yxy color 39.2827, 0.3339, 0.3109.

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

39.2827, 0.3339, 0.3109

Protanopia

39.2868, 0.3053, 0.3138

Deuteranopia

39.2402, 0.3237, 0.3170



Tritanopia

39.2442, 0.3348, 0.3121

Trichromacy



Original Color

39.2827, 0.3339, 0.3109

Protanomaly

39.1505, 0.3153, 0.3128

Deuteranomaly

39.3840, 0.3276, 0.3158

Tritanomaly

39.2442, 0.3348, 0.3121

Monochromacy



Original Color

39.2827, 0.3339, 0.3109

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.1997, 0.3195, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2827, 0.3339, 0.3109 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, 159, 173)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 173)  
}
```

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, 159, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 173) }
```

Border

The CSS property to change the border of an element to Yxy 39.2827, 0.3339, 0.3109 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, 159, 173) }
```

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

```
.border{ border-color:rgb(194, 159, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 159, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 173);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2827, 0.3339, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 173) }
```

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

```
.background{ background-color: rgb(194,  
159, 173) }
```

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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