

Converting Colors

$Y_{xy}(39.7289, 0.3094, 0.2819)$

Have a look what the booklet for
Yxy(39.7289, 0.3094, 0.2819)
contains.

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Color

Yxy(39.7289, 0.3094, 0.2819)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BE9FC4 |
| RGB | 190, 159, 196 |
| RGB Percent | 75%, 62%, 77% |
| CMY | 0.2548, 0.3765, 0.2313 |
| CMYK | 0.03, 0.19, 0.00, 0.23 |
| HSL | 290°, 24%, 70% |
| HSV | 290°, 19%, 77% |
| XYZ | 43.6045, 39.7289, 57.5992 |
| YIQ | 172.4870, 6.5990, 18.0790 |

Conversions

Conversions Part 2

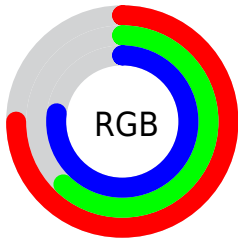
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 190, 159, 196 |
| Decimal | 12492740 |
| CIE Lab | 69.28, 18.06, -14.72 |
| CIE LCh | 69, 23.300, 320.808 |
| Yxy | 39.7289, 0.3094, 0.2819 |
| Android (android.graphics.Color) | 4290682820 (0xFFBE9FC4) |
| YUV | 172.4870, 11.5919, 15.3589 |
| Hunter-Lab | 63.0309, 13.1817, -10.0591 |

Details

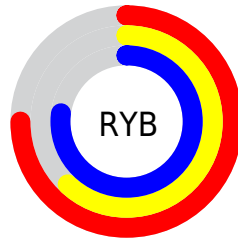
The Yxy color **39.7289, 0.3094, 0.2819** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.9815, 0.3151, 0.3794**, and the grayscale version is **41.4547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9591, 0.3103, 0.2902**, and **17.7026, 0.3078, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **33.1132, 0.3070, 0.2560**, and if you desaturate by 10%, it is **47.4258, 0.3113, 0.3073**.

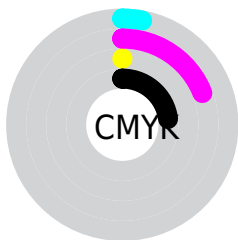
Distribution



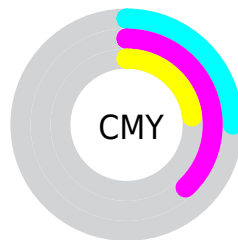
- Red (75%)
- Green (62%)
- Blue (77%)



- Red (75%)
- Yellow (62%)
- Blue (77%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (23%)




- Cyan (25%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7289, 0.3094, 0.2819 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 39.7289, 0.3094, 0.2819 by changing the saturation by 10% instead.


 39.7289, 0.3094,
0.2819


 39.7289, 0.3094,
0.2819


344.9796, 0.3114,
0.3052

 27.3272, 0.3088,
0.2762


 74.7505, 0.3102,
0.2903

 17.8191, 0.3079,
0.2688


 98.1393, 0.3105,
0.2935

 10.8202, 0.3067,
0.2591


125.9591, 0.3107,
0.2962

 5.9461, 0.3047,
0.2458

158.5946, 0.3109,
0.2985

 2.8123, 0.3013,
0.2264

196.4299, 0.3111,
0.3005

 1.0345, 0.2945,
0.1956

239.8496, 0.3112,

 0.0000, 0.2790,

0.3023

0.0000

289.2381, 0.3113,
0.3039

■ 0.0000, 0.0000,
0.0000

■ 39.7289, 0.3094,
0.2819

■ 39.7289, 0.3094,
0.2819

■ 33.1132, 0.3070,
0.2560

■ 47.4258, 0.3113,
0.3073

■ 27.5231, 0.3042,
0.2303

■ 56.2457, 0.3129,
0.3316

■ 22.9061, 0.3010,
0.2058

■ 66.2345, 0.3141,
0.3545

■ 19.2028, 0.2973,
0.1836

■ 77.4341, 0.3149,
0.3757

■ 16.3471, 0.2933,
0.1646

■ 88.6054, 0.3157,
0.3932

■ 14.2643, 0.2892,
0.1496

■ 89.0620, 0.3177,
0.3929

■ 12.8663, 0.2850,
0.1390

■ 89.5277, 0.3197,
0.3925

■ 12.0056, 0.2807,
0.1324

■ 90.0027, 0.3217,
0.3921

■ 11.9206, 0.2803,
0.1318

■ 90.4869, 0.3237,
0.3917

Harmonies

Analogous

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



39.7289, 0.2773, 0.2729



39.7289, 0.3094, 0.2819



39.7289, 0.3441, 0.3018

Triad

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



39.7289, 0.3094, 0.2819



39.7289, 0.3720, 0.3798



39.7289, 0.2574, 0.3252

Complementary

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



39.7289, 0.3094, 0.2819



49.9815, 0.3151, 0.3794

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.



39.7289, 0.2805, 0.3583



39.7289, 0.3094, 0.2819



39.7289, 0.3467, 0.3905

Square

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



39.7289, 0.3094, 0.2819



39.7289, 0.3813, 0.3566



39.7289, 0.3130, 0.3831



39.7289, 0.2486, 0.2957

Rectangle

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



39.7289, 0.3094, 0.2819



39.7289, 0.3635, 0.3191



39.7289, 0.3130, 0.3831



39.7289, 0.2637, 0.3364

Sweetspot

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



39.7306, 0.3094, 0.2819



90.1587, 0.3118, 0.3142



38.3236, 0.2823, 0.2866



19.0783, 0.3117, 0.3126



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.



39.7306, 0.3094, 0.2819



66.3678, 0.3084, 0.2703



39.9764, 0.3259, 0.2976



10.1626, 0.3113, 0.3061



7.6902, 0.2809, 0.1321



0.3548, 0.2903, 0.1373

Inverse Universe

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



39.2447, 0.3435, 0.3213



65.3449, 0.3528, 0.3194



49.8063, 0.3016, 0.3626



10.1038, 0.3264, 0.3253



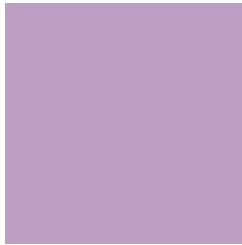
7.6149, 0.6149, 0.3161



0.3375, 0.5592, 0.2854

Previews

White Background



This preview shows how the Yxy color 39.7289, 0.3094, 0.2819 looks on a white background.

Color Contrast Check

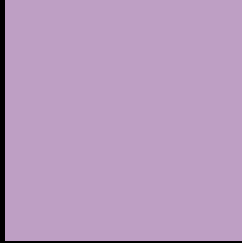
Large Text (above 18pt) WCAG AA × Fail

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 39.7289, 0.3094, 0.2819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

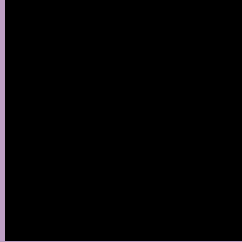
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7289, 0.3094, 0.2819

Background



This preview shows how black text looks on a background with the Yxy color 39.7289, 0.3094, 0.2819.



This preview shows how white text looks on a background with the Yxy color 39.7289, 0.3094, 0.2819.

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

39.7289, 0.3094, 0.2819

Protanopia

39.9509, 0.2806, 0.2833

Deuteranopia

39.8491, 0.2958, 0.2892



Tritanopia

39.8543, 0.3248, 0.3132

Trichromacy



Original Color

39.7289, 0.3094, 0.2819

Protanomaly

39.8511, 0.2902, 0.2828

Deuteranomaly

39.8378, 0.3011, 0.2872

Tritanomaly

39.9509, 0.3187, 0.3016

Monochromacy



Original Color

39.7289, 0.3094, 0.2819

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.5573, 0.3118, 0.3103

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7289, 0.3094, 0.2819 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(190, 159, 196)` looks like.

```
.text, #text, p{  
    color:rgb(190, 159, 196)  
}
```

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(190, 159, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 159, 196) }
```

Border

The CSS property to change the border of an element to Yxy 39.7289, 0.3094, 0.2819 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(190, 159, 196) }
```

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

```
.border{ border-color:rgb(190, 159, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 159, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 159, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 159, 196);  
box-shadow:4px 4px 4px 4px rgb(190, 159,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7289, 0.3094, 0.2819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 159, 196) }
```

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

```
.background{ background-color: rgb(190,  
159, 196) }
```

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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