

Converting Colors

$Yxy(39.0152, 0.3041, 0.2553)$

Have a look what the booklet for
Yxy(39.0152, 0.3041, 0.2553)
contains.

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Color

Yxy(39.0288, 0.3041, 0.2553)

Conversions

Conversions Part 1

Format	Color
Hex	C797D4
RGB	199, 151, 212
RGB Percent	78%, 59%, 83%
CMY	0.2198, 0.4077, 0.1687
CMYK	0.06, 0.29, 0.00, 0.17
HSL	287°, 41%, 71%
HSV	287°, 29%, 83%
XYZ	46.4891, 39.0288, 67.3564
YIQ	172.3060, 9.0270, 29.1470

Conversions

Conversions Part 2

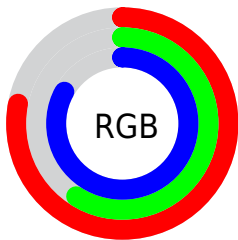
Format	Color
R _Y B	199, 151, 212
Decimal	13080532
CIE Lab	68.77, 28.55, -24.25
CIE LCh	69, 37.464, 319.654
Yxy	39.0288, 0.3041, 0.2553
Android (android.graphics.Color)	4291270612 (0xFFC797D4)
YUV	172.3060, 19.5691, 23.4106
Hunter-Lab	62.4730, 23.5023, -20.1934

Details

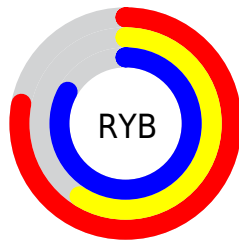
The Yxy color **39.0288, 0.3041, 0.2553** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **57.2127, 0.3183, 0.4097**, and the grayscale version is **41.3127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6226, 0.3150, 0.2811**, and **17.2873, 0.3004, 0.2355** is the 20% darker color. If you saturate the color by 10%, you get **32.1970, 0.3000, 0.2289**, and if you desaturate by 10%, it is **47.1092, 0.3076, 0.2818**.

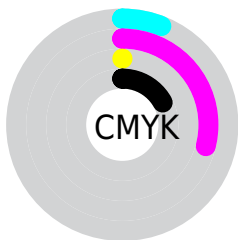
Distribution



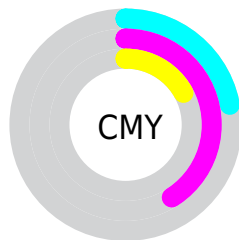
- Red (78%)
- Green (59%)
- Blue (83%)



- Red (78%)
- Yellow (59%)
- Blue (83%)



- Cyan (6%)
- Magenta (29%)
- Yellow (0%)
- Black (17%)




- Cyan (22%)
- Magenta (41%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0288, 0.3041, 0.2553 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 39.0288, 0.3041, 0.2553 by changing the saturation by 10% instead.

 39.0288, 0.3041,
0.2553


 39.0288, 0.3041,
0.2553


342.0129, 0.3093,
0.2910

 26.7821, 0.3026,
0.2468


 73.6823, 0.3062,
0.2680

 17.4097, 0.3005,
0.2360


 96.8579, 0.3069,
0.2729

 10.5270, 0.2975,
0.2222


124.4454, 0.3075,
0.2770

 5.7498, 0.2929,
0.2037

156.8289, 0.3080,
0.2806

 2.6935, 0.2853,
0.1779

194.3931, 0.3084,
0.2837

 0.9739, 0.2713,
0.1402

237.5222, 0.3087,


 0.0000, 0.2534,


0.2864


0.0000


286.6007, 0.3090,
0.2889

 0.0000, 0.0000,
0.0000

 39.0288, 0.3041,
0.2553

 39.0288, 0.3041,
0.2553

 32.1970, 0.3000,
0.2289

 47.1092, 0.3076,
0.2818

 26.5429, 0.2953,
0.2035

 56.4943, 0.3106,
0.3075

 21.9960, 0.2901,
0.1802

 67.2425, 0.3130,
0.3320

 18.4764, 0.2846,
0.1601

 79.4075, 0.3149,
0.3549

 15.8932, 0.2789,
0.1440

 91.7417, 0.3166,
0.3740

■ 14.1390, 0.2731,
0.1324

■ 92.4660, 0.3194,
0.3736

■ 13.0461, 0.2675,
0.1251

■ 93.2097, 0.3223,
0.3732

■ 12.9269, 0.2668,
0.1243

■ 93.9729, 0.3252,
0.3728

■ 94.7558, 0.3282,
0.3724

Harmonies

Analogous

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



39.0288, 0.2545, 0.2418



39.0288, 0.3041, 0.2553



39.0288, 0.3608, 0.2846

Triad

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



39.0288, 0.3041, 0.2553



39.0288, 0.4082, 0.4066



39.0288, 0.2264, 0.3230

Complementary

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



39.0288, 0.3041, 0.2553



57.2127, 0.3183, 0.4097

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.



39.0288, 0.2621, 0.3793



39.0288, 0.3041, 0.2553



39.0288, 0.3670, 0.4290

Square

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



39.0288, 0.3041, 0.2553



39.0288, 0.4238, 0.3677



39.0288, 0.3133, 0.4208



39.0288, 0.2129, 0.2752

Rectangle

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



39.0288, 0.3041, 0.2553



39.0288, 0.3936, 0.3103



39.0288, 0.3133, 0.4208



39.0288, 0.2360, 0.3418

Sweetspot

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



39.0305, 0.3041, 0.2553



85.3019, 0.3105, 0.3066



37.9716, 0.2645, 0.2645



17.7843, 0.3101, 0.3029



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.



39.0305, 0.3041, 0.2553



52.2180, 0.3014, 0.2378



40.0653, 0.3318, 0.2768



12.4924, 0.3104, 0.3058



8.0271, 0.2676, 0.1248



0.5183, 0.2773, 0.1301

Inverse Universe

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



38.8213, 0.3622, 0.3130



51.9379, 0.3784, 0.3092



56.4978, 0.2979, 0.3877



12.4639, 0.3258, 0.3240



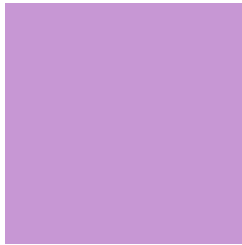
8.7719, 0.6024, 0.3092



0.5415, 0.5535, 0.2823

Previews

White Background



This preview shows how the Yxy color 39.0288, 0.3041, 0.2553 looks on a white background.

Color Contrast Check

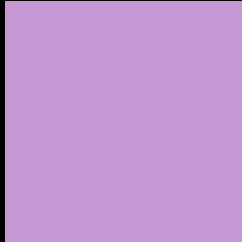
Large Text (above 18pt) WCAG AA × Fail

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 39.0288, 0.3041, 0.2553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

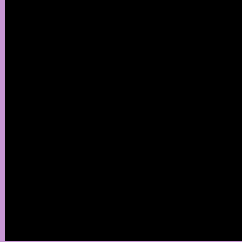
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0288, 0.3041, 0.2553

Background



This preview shows how black text looks on a background with the Yxy color 39.0288, 0.3041, 0.2553.



This preview shows how white text looks on a background with the Yxy color 39.0288, 0.3041, 0.2553.

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

39.0288, 0.3041, 0.2553

Protanopia

39.2755, 0.2583, 0.2543

Deuteranopia

39.3002, 0.2760, 0.2707



Tritanopia

39.0740, 0.3348, 0.3134

Trichromacy



Original Color

39.0288, 0.3041, 0.2553

Protanomaly

39.0392, 0.2733, 0.2547

Deuteranomaly

39.0249, 0.2856, 0.2647

Tritanomaly

38.9242, 0.3231, 0.2908

Monochromacy



Original Color

39.0288, 0.3041, 0.2553

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0839, 0.3096, 0.2987

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0288, 0.3041, 0.2553 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(199, 151, 212)` looks like.

```
.text, #text, p{  
    color:rgb(199, 151, 212)  
}
```

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(199, 151, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 151, 212) }
```

Border

The CSS property to change the border of an element to Yxy 39.0288, 0.3041, 0.2553 is called "border". The border property can be set on classes, ids or directly on the HTML element.

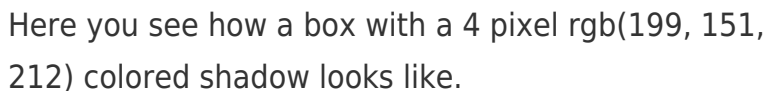
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 151, 212) }
```

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

```
.border{ border-color:rgb(199, 151, 212) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 151, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 151, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 151, 212); box-shadow:4px 4px 4px 4px rgb(199, 151, 212) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0288, 0.3041, 0.2553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 151, 212) }
```

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

```
.background{ background-color: rgb(199,  
151, 212) }
```

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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