

Converting Colors

$Yxy(38.9321, 0.3107, 0.2620)$

Have a look what the booklet for
Yxy(38.9321, 0.3107, 0.2620)
contains.

Yxy(39.0070, 0.3112, 0.2622)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.0070, 0.3112, 0.2622)

Conversions

Conversions Part 1

Format	Color
Hex	C997CE
RGB	201, 151, 206
RGB Percent	79%, 59%, 81%
CMY	0.2117, 0.4078, 0.1923
CMYK	0.02, 0.27, 0.00, 0.19
HSL	295°, 36%, 70%
HSV	295°, 27%, 81%
XYZ	46.2966, 39.0070, 63.4645
YIQ	172.2200, 12.1450, 27.7050

Conversions

Conversions Part 2

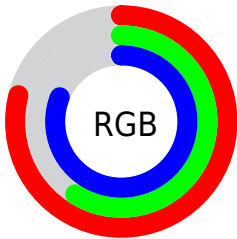
Format	Color
R _Y B	201, 151, 206
Decimal	13211598
CIE Lab	68.76, 28.08, -20.93
CIE LCh	69, 35.022, 323.292
Yxy	39.0070, 0.3112, 0.2622
Android (android.graphics.Color)	4291401678 (0xFFC997CE)
YUV	172.2200, 16.6535, 25.2401
Hunter-Lab	62.4556, 23.0200, -16.5288

Details

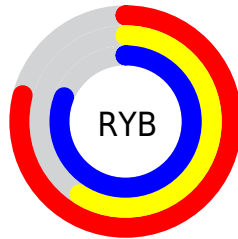
The Yxy color **39.0070, 0.3112, 0.2622** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **53.4272, 0.3128, 0.4042**, and the grayscale version is **41.2829, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6226, 0.3150, 0.2811**, and **17.3017, 0.3089, 0.2431** is the 20% darker color. If you saturate the color by 10%, you get **32.6926, 0.3102, 0.2371**, and if you desaturate by 10%, it is **46.4860, 0.3120, 0.2877**.

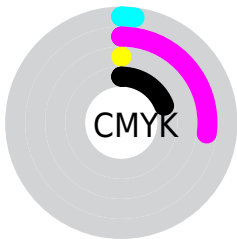
Distribution



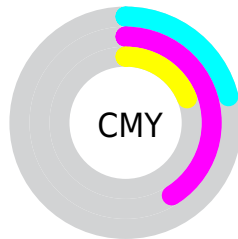
- Red (79%)
- Green (59%)
- Blue (81%)



- Red (79%)
- Yellow (59%)
- Blue (81%)



- Cyan (2%)
- Magenta (27%)
- Yellow (0%)
- Black (19%)




- Cyan (21%)
- Magenta (41%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0070, 0.3112, 0.2622 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 39.0070, 0.3112, 0.2622 by changing the saturation by 10% instead.


 39.0070, 0.3112,
0.2622


 39.0070, 0.3112,
0.2622


341.9202, 0.3127,
0.2948

 26.7652, 0.3106,
0.2544


 73.6490, 0.3119,
0.2738

 17.3969, 0.3098,
0.2445


 96.8180, 0.3121,
0.2782

 10.5179, 0.3084,
0.2316


124.3981, 0.3123,
0.2820

 5.7437, 0.3062,
0.2143

156.7738, 0.3124,
0.2853

 2.6898, 0.3022,
0.1899

194.3295, 0.3125,
0.2881

 0.9720, 0.2938,
0.1534

237.4495, 0.3126,

 0.0000, 0.2900,

0.2906

0.0000

286.5183, 0.3126,
0.2928

0.0000, 0.0000,
0.0000

39.0070, 0.3112,
0.2622

39.0070, 0.3112,
0.2622

32.6926, 0.3102,
0.2371

46.4860, 0.3120,
0.2877

27.4776, 0.3089,
0.2132

55.1805, 0.3125,
0.3128

23.2978, 0.3073,
0.1917


65.1445, 0.3128,
0.3368

20.0807, 0.3055,
0.1733


76.4270, 0.3129,
0.3595


17.7440, 0.3034,
0.1590


89.0748, 0.3130,
0.3806

 16.1920, 0.3012,
0.1489


 89.9945, 0.3140,
0.3814

 15.2999, 0.2990,
0.1431

 90.2719, 0.3152,
0.3813

 15.0741, 0.2982,
0.1416

 90.5526, 0.3164,
0.3811

 90.8364, 0.3175,
0.3809

Harmonies

Analogous

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



39.0070, 0.2630, 0.2475



39.0070, 0.3112, 0.2622



39.0070, 0.3639, 0.2914

Triad

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



39.0070, 0.3112, 0.2622



39.0070, 0.3988, 0.4058



39.0070, 0.2289, 0.3175

Complementary

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



39.0070, 0.3112, 0.2622



53.4272, 0.3128, 0.4042

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.



39.0070, 0.2604, 0.3698



39.0070, 0.3112, 0.2622



39.0070, 0.3582, 0.4232

Square

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



39.0070, 0.3112, 0.2622



39.0070, 0.4165, 0.3707



39.0070, 0.3074, 0.4111



39.0070, 0.2187, 0.2747

Rectangle

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



39.0070, 0.3112, 0.2622



39.0070, 0.3930, 0.3164



39.0070, 0.3074, 0.4111



39.0070, 0.2372, 0.3347

Sweetspot

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



39.0087, 0.3112, 0.2622



87.3212, 0.3124, 0.3093



34.9780, 0.2675, 0.2609



18.2123, 0.3124, 0.3055



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.



39.0087, 0.3112, 0.2622



57.1540, 0.3106, 0.2478



38.7109, 0.3363, 0.2882



11.3504, 0.3124, 0.3061



9.3068, 0.2986, 0.1418



0.4955, 0.3032, 0.1444

Inverse Universe

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



37.6494, 0.3645, 0.3229



54.6266, 0.3800, 0.3215



53.7260, 0.2947, 0.3737



11.2298, 0.3276, 0.3269



8.1143, 0.6289, 0.3238



0.4244, 0.5957, 0.3055

Previews

White Background



This preview shows how the Yxy color 39.0070, 0.3112, 0.2622 looks on a white background.

Color Contrast Check

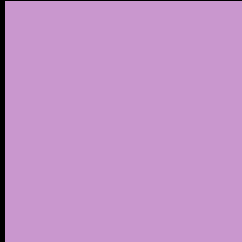
Large Text (above 18pt) WCAG AA × Fail

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 39.0070, 0.3112, 0.2622 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 39.0070, 0.3112, 0.2622

Background



This preview shows how black text looks on a background with the Yxy color 39.0070, 0.3112, 0.2622.



This preview shows how white text looks on a background with the Yxy color 39.0070, 0.3112, 0.2622.

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

39.0070, 0.3112, 0.2622

Protanopia

39.2508, 0.2644, 0.2616

Deuteranopia

39.0782, 0.2836, 0.2771



Tritanopia

39.0918, 0.3388, 0.3135

Trichromacy



Original Color

39.0070, 0.3112, 0.2622

Protanomaly

39.0645, 0.2801, 0.2620

Deuteranomaly

38.7396, 0.2929, 0.2709

Tritanomaly

38.8674, 0.3289, 0.2935

Monochromacy



Original Color

39.0070, 0.3112, 0.2622

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.0789, 0.3130, 0.3026

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0070, 0.3112, 0.2622 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(201, 151, 206)` looks like.

```
.text, #text, p{  
    color:rgb(201, 151, 206)  
}
```

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(201, 151, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 151, 206) }
```

Border

The CSS property to change the border of an element to Yxy 39.0070, 0.3112, 0.2622 is called "border". The border property can be set on classes, ids or directly on the HTML element.

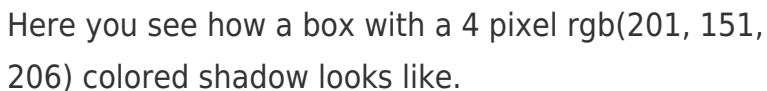
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(201, 151, 206) }
```

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

```
.border{ border-color:rgb(201, 151, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(201, 151, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 151, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 151, 206);  
box-shadow:4px 4px 4px 4px rgb(201, 151,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0070, 0.3112, 0.2622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 151, 206) }
```

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

```
.background{ background-color: rgb(201,  
151, 206) }
```

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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