

Converting Colors

$Yxy(37.8968, 0.3401, 0.3069)$

Have a look what the booklet for
Yxy(37.8968, 0.3401, 0.3069)
contains.

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Color

Yxy(37.9218, 0.3396, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	C59AAB
RGB	197, 154, 171
RGB Percent	77%, 60%, 67%
CMY	0.2274, 0.3961, 0.3295
CMYK	0.00, 0.22, 0.13, 0.23
HSL	336°, 27%, 69%
HSV	336°, 22%, 77%
XYZ	41.9350, 37.9218, 43.6267
YIQ	168.7950, 20.1710, 14.4030

Conversions

Conversions Part 2

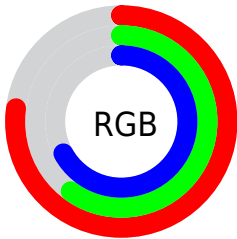
Format	Color
RYB	197, 154, 171
Decimal	12950187
CIELab	67.96, 18.73, -2.68
CIELCh	68, 18.923, 351.857
Yxy	37.9218, 0.3396, 0.3071
Android (android.graphics.Color)	4291140267 (0xFFC59AAB)
YUV	168.7950, 1.0871, 24.7358
Hunter-Lab	61.5807, 13.7882, 1.1026

Details

The Yxy color **37.9218, 0.3396, 0.3071** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.1100, 0.2918, 0.3521**, and the grayscale version is **39.5578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1627, 0.3345, 0.3119**, and **16.8720, 0.3480, 0.3010** is the 20% darker color. If you saturate the color by 10%, you get **31.5106, 0.3562, 0.2965**, and if you desaturate by 10%, it is **45.4449, 0.3259, 0.3175**.

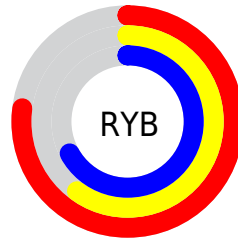
Distribution



Red (77%)

Green (60%)

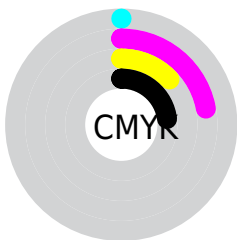
Blue (67%)



Red (77%)

Yellow (60%)

Blue (67%)

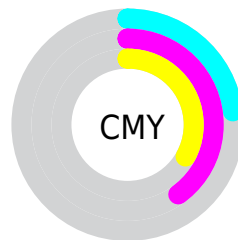


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (23%)



Cyan (23%)


Magenta (40%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9218, 0.3396, 0.3071 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 37.9218, 0.3396, 0.3071 by changing the saturation by 10% instead.


 37.9218, 0.3396,
0.3071


 37.9218, 0.3396,
0.3071


337.2844, 0.3258,
0.3183

 25.9220, 0.3432,
0.3042


 71.9883, 0.3345,
0.3112

 16.7653, 0.3479,
0.3005


 94.8237, 0.3326,
0.3128

 10.0673, 0.3543,
0.2954


122.0398, 0.3310,
0.3140

 5.4436, 0.3635,
0.2882

154.0210, 0.3296,
0.3151

 2.5098, 0.3779,
0.2771

191.1517, 0.3285,
0.3161

 0.8815, 0.4037,
0.2576

233.8162, 0.3275,

 0.0000, 1.0000,

0.3169

0.0000

282.3990, 0.3266,
0.3176

0.0000, 0.0000,
0.0000

37.9218, 0.3396,
0.3071

37.9218, 0.3396,
0.3071

31.5106, 0.3562,
0.2965

45.4449, 0.3259,
0.3175

26.1530, 0.3761,
0.2860

54.1242, 0.3146,
0.3273

21.7932, 0.3996,
0.2764

64.0080, 0.3053,
0.3364

18.3682, 0.4265,
0.2687

75.1401, 0.2977,
0.3449

15.8077, 0.4562,
0.2640

87.5624, 0.2914,
0.3526

■ 14.0312, 0.4873,
0.2637

■ 89.8366, 0.2853,
0.3422

■ 12.9428, 0.5177,
0.2685

■ 90.5789, 0.2792,
0.3295

■ 12.4201, 0.5411,
0.2754

■ 90.6135, 0.2789,
0.3289

Harmonies

Analogous

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



37.9218, 0.3112, 0.2901



37.9218, 0.3396, 0.3071



37.9218, 0.3612, 0.3297

Triad

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



37.9218, 0.3396, 0.3071



37.9218, 0.3401, 0.3795



37.9218, 0.2593, 0.3011

Complementary

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



37.9218, 0.3396, 0.3071



50.1100, 0.2918, 0.3521

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.



37.9218, 0.2663, 0.3253



37.9218, 0.3396, 0.3071



37.9218, 0.3122, 0.3726

Square

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



37.9218, 0.3396, 0.3071



37.9218, 0.3612, 0.3717



37.9218, 0.2854, 0.3521



37.9218, 0.2657, 0.2859

Rectangle

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



37.9218, 0.3396, 0.3071



37.9218, 0.3683, 0.3455



37.9218, 0.2854, 0.3521



37.9218, 0.2602, 0.3084

Sweetspot

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



37.9235, 0.3396, 0.3071



88.4588, 0.3202, 0.3222



36.8237, 0.2993, 0.2727



18.7316, 0.3209, 0.3216



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.



37.9235, 0.3396, 0.3071



62.4258, 0.3468, 0.3023



38.7629, 0.3553, 0.3348



10.7051, 0.3229, 0.3199



8.1825, 0.5377, 0.2736



0.4016, 0.4822, 0.2430

Inverse Universe

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



37.9235, 0.3396, 0.3071



62.4258, 0.3468, 0.3023



48.9188, 0.2802, 0.3232



10.7051, 0.3229, 0.3199



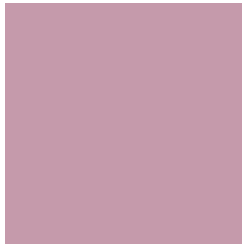
8.1825, 0.5377, 0.2736



0.4016, 0.4822, 0.2430

Previews

White Background



This preview shows how the Yxy color 37.9218, 0.3396, 0.3071 looks on a white background.

Color Contrast Check

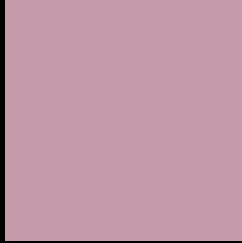
Large Text (above 18pt) WCAG AA × Fail

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 37.9218, 0.3396, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

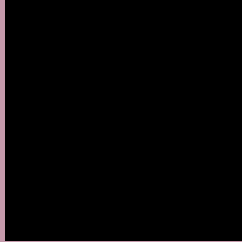
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9218, 0.3396, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 37.9218, 0.3396, 0.3071.



This preview shows how white text looks on a background with the Yxy color 37.9218, 0.3396, 0.3071.

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

37.9218, 0.3396, 0.3071

Protanopia

38.0839, 0.3025, 0.3122

Deuteranopia

38.0953, 0.3228, 0.3168



Tritanopia

37.9685, 0.3423, 0.3134

Trichromacy



Original Color

37.9218, 0.3396, 0.3071

Protanomaly

37.9320, 0.3155, 0.3099

Deuteranomaly

37.7951, 0.3290, 0.3130

Tritanomaly

38.0056, 0.3413, 0.3122

Monochromacy



Original Color

37.9218, 0.3396, 0.3071

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.0369, 0.3216, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9218, 0.3396, 0.3071 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(197, 154, 171)` looks like.

```
.text, #text, p{  
    color:rgb(197, 154, 171)  
}
```

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(197, 154, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 154, 171) }
```

Border

The CSS property to change the border of an element to Yxy 37.9218, 0.3396, 0.3071 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(197, 154, 171) }
```

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

```
.border{ border-color:rgb(197, 154, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 154, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 154, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 154, 171);  
box-shadow:4px 4px 4px 4px rgb(197, 154,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9218, 0.3396, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 154, 171) }
```

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

```
.background{ background-color: rgb(197,  
154, 171) }
```

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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