

Converting Colors

$Yxy(43.8876, 0.3227, 0.2871)$

Have a look what the booklet for
Yxy(43.8876, 0.3227, 0.2871)
contains.

Yxy(43.9398, 0.3220, 0.2869)	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(43.9398, 0.3220, 0.2869)

Conversions

Conversions Part 1

Format	Color
Hex	CFA4C7
RGB	207, 164, 199
RGB Percent	81%, 64%, 78%
CMY	0.1882, 0.3568, 0.2197
CMYK	0.00, 0.21, 0.04, 0.19
HSL	311°, 31%, 73%
HSV	311°, 21%, 81%
XYZ	49.3155, 43.9398, 59.8984
YIQ	180.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

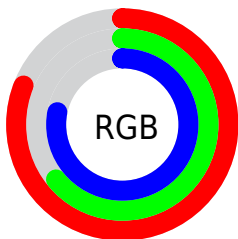
Format	Color
R_{YB}	207, 164, 199
Decimal	13608135
CIE _{Lab}	72.19, 21.66, -11.83
CIE _{LCh}	72, 24.674, 331.358
Yxy	43.9398, 0.3220, 0.2869
Android (android.graphics.Color)	4291798215 (0xFFCFA4C7)
YUV	180.8470, 8.9494, 22.9362
Hunter-Lab	66.2871, 16.7959, -7.1747

Details

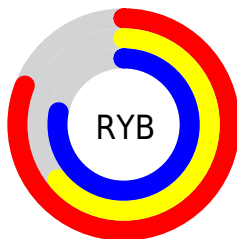
The Yxy color $43.9398, 0.3220, 0.2869$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $55.5032, 0.3046, 0.3751$, and the grayscale version is $46.0673, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1430, 0.3144, 0.2940$, and $20.3081, 0.3240, 0.2759$ is the 20% darker color. If you saturate the color by 10%, you get $36.9480, 0.3275, 0.2661$, and if you desaturate by 10%, it is $52.1460, 0.3172, 0.3075$.

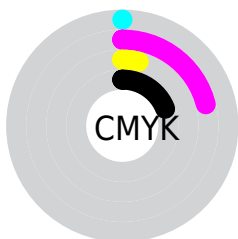
Distribution



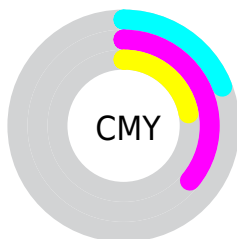
- Red (81%)
- Green (64%)
- Blue (78%)



- Red (81%)
- Yellow (64%)
- Blue (78%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (19%)





- Cyan (19%)
- Magenta (36%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9398, 0.3220, 0.2869 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 43.9398, 0.3220, 0.2869 by changing the saturation by 10% instead.


 43.9398, 0.3220,
0.2869

 43.9398, 0.3220,
0.2869


362.4626, 0.3176,
0.3074

 30.6232, 0.3230,
0.2819


 81.1271, 0.3205,
0.2942

 20.3121, 0.3243,
0.2756


 105.7667, 0.3199,
0.2970

 12.6221, 0.3258,
0.2674


134.9493, 0.3194,
0.2994

 7.1688, 0.3279,
0.2562

169.0594, 0.3189,
0.3015

 3.5679, 0.3307,
0.2401

208.4814, 0.3186,
0.3033

 1.4349, 0.3345,
0.2152

253.5996, 0.3182,

 0.2423, 0.3618,

0.3048

0.1155

304.7986, 0.3179,
0.3062

0.0000, 0.0000,
0.0000

43.9398, 0.3220,
0.2869

43.9398, 0.3220,
0.2869

36.9480, 0.3275,
0.2661

52.1460, 0.3172,
0.3075

31.1065, 0.3336,
0.2459

61.6150, 0.3130,
0.3275

26.3540, 0.3402,
0.2271

72.4000, 0.3094,
0.3464

22.6214, 0.3473,
0.2106

84.5491, 0.3064,
0.3642

19.8315, 0.3545,
0.1976

89.8651, 0.3040,
0.3682

■ 17.8962, 0.3618,
0.1888

■ 90.0703, 0.3019,
0.3640

■ 16.7105, 0.3689,
0.1845

■ 90.2804, 0.2998,
0.3597

■ 16.1062, 0.3751,
0.1840

■ 90.4952, 0.2977,
0.3555

■ 90.7148, 0.2956,
0.3513

Harmonies

Analogous

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



43.9398, 0.2871, 0.2734



43.9398, 0.3220, 0.2869



43.9398, 0.3560, 0.3102

Triad

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



43.9398, 0.3220, 0.2869



43.9398, 0.3658, 0.3867



43.9398, 0.2511, 0.3135

Complementary

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



43.9398, 0.3220, 0.2869



55.5032, 0.3046, 0.3751

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.



43.9398, 0.2700, 0.3474



43.9398, 0.3220, 0.2869



43.9398, 0.3358, 0.3916

Square

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



43.9398, 0.3220, 0.2869



43.9398, 0.3819, 0.3665



43.9398, 0.3007, 0.3772



43.9398, 0.2478, 0.2867

Rectangle

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



43.9398, 0.3220, 0.2869



43.9398, 0.3728, 0.3289



43.9398, 0.3007, 0.3772



43.9398, 0.2558, 0.3245

Sweetspot

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



43.9417, 0.3220, 0.2869



90.4409, 0.3151, 0.3170



39.8163, 0.2847, 0.2729



19.1453, 0.3154, 0.3157



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.



43.9417, 0.3220, 0.2869



65.1072, 0.3244, 0.2775



43.0186, 0.3412, 0.3122



11.9696, 0.3166, 0.3103



10.1598, 0.3742, 0.1835



0.5781, 0.3627, 0.1772

Inverse Universe

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



43.9417, 0.3220, 0.2869



65.1072, 0.3244, 0.2775



56.3908, 0.2906, 0.3465



11.9696, 0.3166, 0.3103



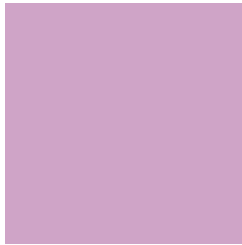
10.1598, 0.3742, 0.1835



0.5781, 0.3627, 0.1772

Previews

White Background



This preview shows how the Yxy color 43.9398, 0.3220, 0.2869 looks on a white background.

Color Contrast Check

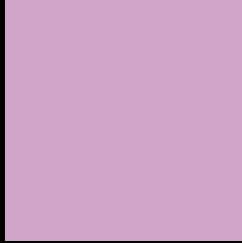
Large Text (above 18pt) WCAG AA × Fail

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 43.9398, 0.3220, 0.2869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

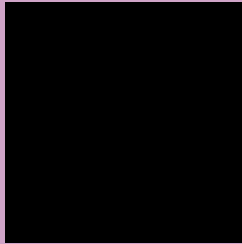
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9398, 0.3220, 0.2869

Background



This preview shows how black text looks on a background with the Yxy color 43.9398, 0.3220, 0.2869.



This preview shows how white text looks on a background with the Yxy color 43.9398, 0.3220, 0.2869.

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

43.9398, 0.3220, 0.2869

Protanopia

44.2136, 0.2847, 0.2889

Deuteranopia

43.8506, 0.3038, 0.2971



Tritanopia

43.7701, 0.3357, 0.3129

Trichromacy



Original Color

43.9398, 0.3220, 0.2869

Protanomaly

44.0550, 0.2974, 0.2885

Deuteranomaly

43.7906, 0.3100, 0.2927

Tritanomaly

43.8394, 0.3305, 0.3032

Monochromacy



Original Color

43.9398, 0.3220, 0.2869

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.2379, 0.3152, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9398, 0.3220, 0.2869 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(207, 164, 199)` looks like.

```
.text, #text, p{  
    color:rgb(207, 164, 199)  
}
```

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(207, 164, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 164, 199) }
```

Border

The CSS property to change the border of an element to Yxy 43.9398, 0.3220, 0.2869 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(207, 164, 199) }
```

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

```
.border{ border-color:rgb(207, 164, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 164, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 164, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 164, 199);  
box-shadow:4px 4px 4px 4px rgb(207, 164,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9398, 0.3220, 0.2869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 164, 199) }
```

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

```
.background{ background-color: rgb(207,  
164, 199) }
```

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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