

Converting Colors

$Yxy(45.1568, 0.3174, 0.2935)$

Have a look what the booklet for
Yxy(45.1568, 0.3174, 0.2935)
contains.

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Color

Yxy(45.0097, 0.3179, 0.2936)

Conversions

Conversions Part 1

Format	Color
Hex	CAA9C6
RGB	202, 169, 198
RGB Percent	79%, 66%, 78%
CMY	0.2079, 0.3372, 0.2234
CMYK	0.00, 0.16, 0.02, 0.21
HSL	307°, 24%, 73%
HSV	307°, 16%, 79%
XYZ	48.7350, 45.0097, 59.5581
YIQ	182.1730, 10.3590, 16.0150

Conversions

Conversions Part 2

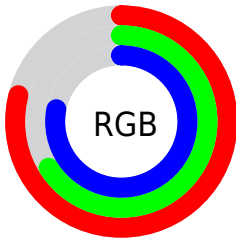
Format	Color
R _Y B	202, 169, 198
Decimal	13281734
CIE Lab	72.90, 17.01, -10.29
CIE LCh	73, 19.883, 328.826
Yxy	45.0097, 0.3179, 0.2936
Android (android.graphics.Color)	4291471814 (0xFFCAA9C6)
YUV	182.1730, 7.8027, 17.3883
Hunter-Lab	67.0893, 12.2597, -5.6719

Details

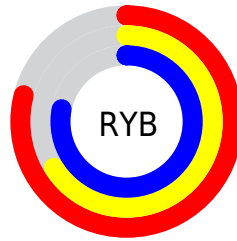
The Yxy color $45.0097, 0.3179, 0.2936$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $53.6817, 0.3079, 0.3672$, and the grayscale version is $46.8311, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7913, 0.3141, 0.2989$, and $21.0321, 0.3197, 0.2848$ is the 20% darker color. If you saturate the color by 10%, you get $37.9566, 0.3216, 0.2713$, and if you desaturate by 10%, it is $53.2294, 0.3146, 0.3155$.

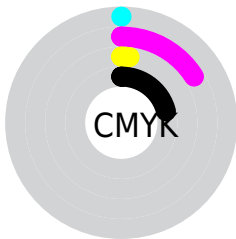
Distribution



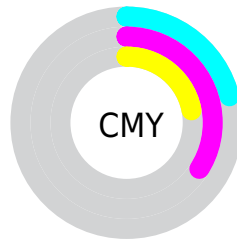
- Red (79%)
- Green (66%)
- Blue (78%)



- Red (79%)
- Yellow (66%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (2%)
- Black (21%)



- Cyan (21%)
- Magenta (34%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0097, 0.3179, 0.2936 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 45.0097, 0.3179, 0.2936 by changing the saturation by 10% instead.


 45.0097, 0.3179,
0.2936

 45.0097, 0.3179,
0.2936

366.8128, 0.3155,
0.3109

 31.4651, 0.3184,
0.2894


 82.7350, 0.3171,
0.2998

 20.9532, 0.3191,
0.2841


 107.6844, 0.3168,
0.3022

 13.0898, 0.3199,
0.2771


137.2042, 0.3165,
0.3042

 7.4904, 0.3209,
0.2675

171.6788, 0.3162,
0.3059

 3.7707, 0.3223,
0.2537

211.4926, 0.3160,
0.3074

 1.5461, 0.3239,
0.2321

257.0299, 0.3158,

 0.3209, 0.3407,

0.3087

0.1518

308.6752, 0.3157,
0.3099

0.0000, 0.0000,
0.0000

45.0097, 0.3179,
0.2936

45.0097, 0.3179,
0.2936

37.9566, 0.3216,
0.2713

53.2294, 0.3146,
0.3155

32.0110, 0.3257,
0.2494

62.6594, 0.3117,
0.3366

27.1177, 0.3300,
0.2287

73.3485, 0.3092,
0.3566

23.2143, 0.3346,
0.2101

85.3412, 0.3070,
0.3752

20.2317, 0.3393,
0.1946

88.7330, 0.3055,
0.3778

■ 18.0922, 0.3439,
0.1830

■ 88.8547, 0.3042,
0.3750

■ 16.7051, 0.3483,
0.1758

■ 88.9783, 0.3028,
0.3723

■ 15.9548, 0.3524,
0.1728

■ 89.1038, 0.3015,
0.3696

■ 15.7576, 0.3539,
0.1723

■ 89.2310, 0.3002,
0.3669

Harmonies

Analogous

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



45.0097, 0.2902, 0.2835



45.0097, 0.3179, 0.2936



45.0097, 0.3453, 0.3121

Triad

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



45.0097, 0.3179, 0.2936



45.0097, 0.3569, 0.3744



45.0097, 0.2639, 0.3192

Complementary

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



45.0097, 0.3179, 0.2936



53.6817, 0.3079, 0.3672

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.



45.0097, 0.2803, 0.3460



45.0097, 0.3179, 0.2936



45.0097, 0.3338, 0.3789

Square

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



45.0097, 0.3179, 0.2936



45.0097, 0.3683, 0.3579



45.0097, 0.3057, 0.3686



45.0097, 0.2600, 0.2968

Rectangle

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



45.0097, 0.3179, 0.2936



45.0097, 0.3592, 0.3273



45.0097, 0.3057, 0.3686



45.0097, 0.2681, 0.3280

Sweetspot

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



45.0117, 0.3179, 0.2936



92.0351, 0.3142, 0.3182



41.5114, 0.2896, 0.2859



19.4688, 0.3144, 0.3167



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.



45.0117, 0.3179, 0.2936



71.2780, 0.3193, 0.2848



44.2963, 0.3321, 0.3133



11.3797, 0.3156, 0.3088



10.1514, 0.3534, 0.1720



0.5304, 0.3462, 0.1681

Inverse Universe

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



45.0117, 0.3179, 0.2936



71.2780, 0.3193, 0.2848



54.3548, 0.2967, 0.3453



11.3797, 0.3156, 0.3088



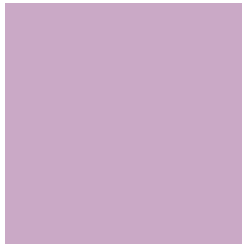
10.1514, 0.3534, 0.1720



0.5304, 0.3462, 0.1681

Previews

White Background



This preview shows how the Yxy color 45.0097, 0.3179, 0.2936 looks on a white background.

Color Contrast Check

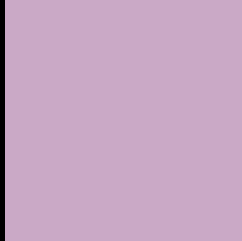
Large Text (above 18pt) WCAG AA × Fail

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 45.0097, 0.3179, 0.2936 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 45.0097, 0.3179, 0.2936

Background



This preview shows how black text looks on a background with the Yxy color 45.0097, 0.3179, 0.2936.



This preview shows how white text looks on a background with the Yxy color 45.0097, 0.3179, 0.2936.

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

45.0097, 0.3179, 0.2936

Protanopia

45.3144, 0.2902, 0.2955

Deuteranopia

44.9947, 0.3063, 0.2999



Tritanopia

44.9080, 0.3271, 0.3116

Trichromacy



Original Color

45.0097, 0.3179, 0.2936

Protanomaly

45.2385, 0.2998, 0.2949

Deuteranomaly

44.8737, 0.3107, 0.2977

Tritanomaly

44.8847, 0.3238, 0.3043

Monochromacy



Original Color

45.0097, 0.3179, 0.2936

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.8939, 0.3142, 0.3150

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0097, 0.3179, 0.2936 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(202, 169, 198)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 198)  
}
```

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(202, 169, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 198) }
```

Border

The CSS property to change the border of an element to Yxy 45.0097, 0.3179, 0.2936 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(202, 169, 198) }
```

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

```
.border{ border-color:rgb(202, 169, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 198);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0097, 0.3179, 0.2936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 198) }
```

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

```
.background{ background-color: rgb(202,  
169, 198) }
```

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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