

Converting Colors

$Y_{xy}(43.5467, 0.3103, 0.2767)$

Have a look what the booklet for
Yxy(43.5467, 0.3103, 0.2767)
contains.

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Color

Yxy(43.6125, 0.3107, 0.2771)

Conversions

Conversions Part 1

Format	Color
Hex	CAA4CF
RGB	202, 164, 207
RGB Percent	79%, 64%, 81%
CMY	0.2077, 0.3569, 0.1882
CMYK	0.02, 0.21, 0.00, 0.19
HSL	293°, 31%, 73%
HSV	293°, 21%, 81%
XYZ	48.9008, 43.6125, 64.8758
YIQ	180.2640, 8.8450, 21.4290

Conversions

Conversions Part 2

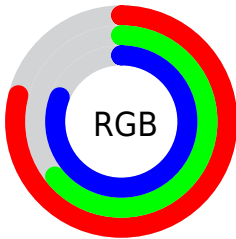
Format	Color
R _Y B	202, 164, 207
Decimal	13280463
CIE Lab	71.97, 21.47, -16.62
CIE LCh	72, 27.156, 322.251
Yxy	43.6125, 0.3107, 0.2771
Android (android.graphics.Color)	4291470543 (0xFFCAA4CF)
YUV	180.2640, 13.1808, 19.0625
Hunter-Lab	66.0398, 16.6052, -12.0171

Details

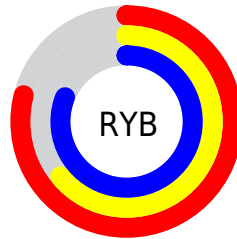
The Yxy color $43.6125, 0.3107, 0.2771$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $55.7410, 0.3138, 0.3855$, and the grayscale version is $45.7175, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1430, 0.3144, 0.2940$, and $20.1841, 0.3096, 0.2631$ is the 20% darker color. If you saturate the color by 10%, you get $36.4670, 0.3093, 0.2514$, and if you desaturate by 10%, it is $51.9729, 0.3118, 0.3025$.

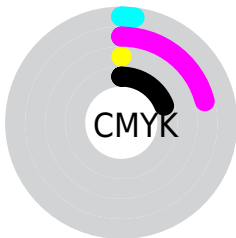
Distribution



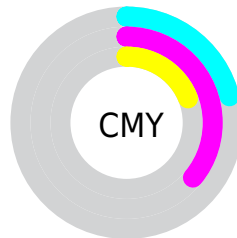
- Red (79%)
- Green (64%)
- Blue (81%)



- Red (79%)
- Yellow (64%)
- Blue (81%)



- Cyan (2%)
- Magenta (21%)
- Yellow (0%)
- Black (19%)





- Cyan (21%)
- Magenta (36%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6125, 0.3107, 0.2771 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 43.6125, 0.3107, 0.2771 by changing the saturation by 10% instead.


 43.6125, 0.3107,
0.2771


 43.6125, 0.3107,
0.2771


361.1246, 0.3121,
0.3023

 30.3660, 0.3102,
0.2711


 80.6343, 0.3113,
0.2861

 20.1165, 0.3096,
0.2634


 105.1784, 0.3115,
0.2895

 12.4798, 0.3086,
0.2535


134.2572, 0.3117,
0.2924

 7.0713, 0.3070,
0.2401

168.2550, 0.3118,
0.2949

 3.5067, 0.3042,
0.2211

207.5563, 0.3119,
0.2971

 1.4017, 0.2988,
0.1922

252.5454, 0.3120,

 0.2180, 0.3025,

0.2991

0.0902

303.6067, 0.3121,
0.3008

0.0000, 0.0000,
0.0000

43.6125, 0.3107,
0.2771

43.6125, 0.3107,
0.2771

36.4670, 0.3093,
0.2514

51.9729, 0.3118,
0.3025

30.4723, 0.3075,
0.2264

61.5968, 0.3127,
0.3271

25.5673, 0.3054,
0.2030

72.5371, 0.3132,
0.3504

21.6828, 0.3029,
0.1821

84.8421, 0.3136,
0.3721

18.7416, 0.3002,
0.1648

90.3229, 0.3146,
0.3801

■ 16.6555, 0.2974,
0.1516

■ 90.6862, 0.3161,
0.3799

■ 15.3197, 0.2944,
0.1429

■ 91.0548, 0.3176,
0.3797

■ 14.5777, 0.2917,
0.1380

■ 91.4287, 0.3191,
0.3794

■ 91.8080, 0.3207,
0.3792

Harmonies

Analogous

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



43.6125, 0.2743, 0.2663



43.6125, 0.3107, 0.2771



43.6125, 0.3499, 0.2997

Triad

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



43.6125, 0.3107, 0.2771



43.6125, 0.3785, 0.3869



43.6125, 0.2496, 0.3226

Complementary

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



43.6125, 0.3107, 0.2771



55.7410, 0.3138, 0.3855

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.



43.6125, 0.2747, 0.3605



43.6125, 0.3107, 0.2771



43.6125, 0.3490, 0.3988

Square

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



43.6125, 0.3107, 0.2771



43.6125, 0.3903, 0.3610



43.6125, 0.3109, 0.3896



43.6125, 0.2408, 0.2898

Rectangle

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



43.6125, 0.3107, 0.2771



43.6125, 0.3715, 0.3191



43.6125, 0.3109, 0.3896



43.6125, 0.2564, 0.3353

Sweetspot

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



43.6144, 0.3107, 0.2771



90.2893, 0.3123, 0.3143



40.7776, 0.2786, 0.2787



19.1093, 0.3122, 0.3126



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.



43.6144, 0.3107, 0.2771



64.4778, 0.3101, 0.2655



43.5555, 0.3295, 0.2967



11.9367, 0.3120, 0.3060



9.2106, 0.2921, 0.1383



0.5352, 0.2977, 0.1414

Inverse Universe

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



42.6787, 0.3493, 0.3229



62.7371, 0.3597, 0.3215



55.8357, 0.2990, 0.3637



11.8302, 0.3273, 0.3263



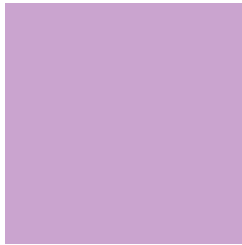
8.4065, 0.6249, 0.3216



0.4777, 0.5869, 0.3007

Previews

White Background



This preview shows how the Yxy color 43.6125, 0.3107, 0.2771 looks on a white background.

Color Contrast Check

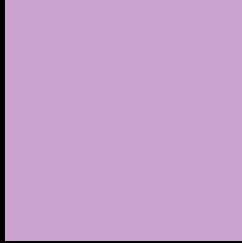
Large Text (above 18pt) WCAG AA × Fail

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 43.6125, 0.3107, 0.2771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

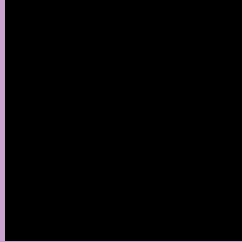
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6125, 0.3107, 0.2771

Background



This preview shows how black text looks on a background with the Yxy color 43.6125, 0.3107, 0.2771.



This preview shows how white text looks on a background with the Yxy color 43.6125, 0.3107, 0.2771.

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

43.6125, 0.3107, 0.2771

Protanopia

43.8398, 0.2774, 0.2788

Deuteranopia

43.6161, 0.2933, 0.2869



Tritanopia

43.7591, 0.3281, 0.3127

Trichromacy



Original Color

43.6125, 0.3107, 0.2771

Protanomaly

43.5323, 0.2888, 0.2785

Deuteranomaly

43.5235, 0.2992, 0.2827

Tritanomaly

43.5411, 0.3214, 0.2992

Monochromacy



Original Color

43.6125, 0.3107, 0.2771

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.6812, 0.3119, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6125, 0.3107, 0.2771 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, 164, 207)` looks like.

```
.text, #text, p{  
    color:rgb(202, 164, 207)  
}
```

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, 164, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 164, 207) }
```

Border

The CSS property to change the border of an element to Yxy 43.6125, 0.3107, 0.2771 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, 164, 207) }
```

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

```
.border{ border-color:rgb(202, 164, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 164, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 164, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 164, 207);  
box-shadow:4px 4px 4px 4px rgb(202, 164,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6125, 0.3107, 0.2771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 164, 207) }
```

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

```
.background{ background-color: rgb(202,  
164, 207) }
```

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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