

Converting Colors

$Yxy(46.9992, 0.3147, 0.2974)$

Have a look what the booklet for
Yxy(46.9992, 0.3147, 0.2974)
contains.

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Color

Yxy(46.8597, 0.3151, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	C9AEC8
RGB	201, 174, 200
RGB Percent	79%, 68%, 78%
CMY	0.2117, 0.3176, 0.2158
CMYK	0.00, 0.13, 0.01, 0.21
HSL	302°, 20%, 74%
HSV	302°, 13%, 79%
XYZ	49.6486, 46.8597, 61.0563
YIQ	185.0370, 7.7460, 13.8100

Conversions

Conversions Part 2

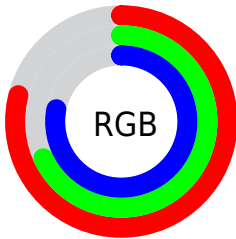
Format	Color
R _Y B	201, 174, 200
Decimal	13217480
CIE Lab	74.10, 14.32, -9.58
CIE LCh	74, 17.227, 326.212
Yxy	46.8597, 0.3151, 0.2974
Android (android.graphics.Color)	4291407560 (0xFFC9AEC8)
YUV	185.0370, 7.3768, 13.9996
Hunter-Lab	68.4541, 9.6682, -4.9646

Details

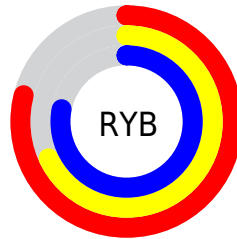
The Yxy color $46.8597, 0.3151, 0.2974$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $53.8748, 0.3103, 0.3628$, and the grayscale version is $48.4935, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0736, 0.3138, 0.3048$, and $22.1974, 0.3157, 0.2899$ is the 20% darker color. If you saturate the color by 10%, you get $39.6313, 0.3170, 0.2734$, and if you desaturate by 10%, it is $55.2546, 0.3133, 0.3211$.

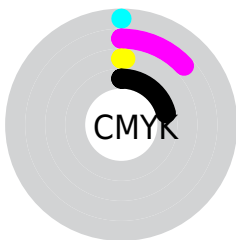
Distribution



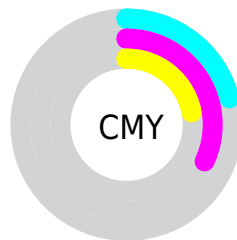
- Red (79%)
- Green (68%)
- Blue (78%)



- Red (79%)
- Yellow (68%)
- Blue (78%)



- Cyan (0%)
- Magenta (13%)
- Yellow (1%)
- Black (21%)




- Cyan (21%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8597, 0.3151, 0.2974 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 46.8597, 0.3151, 0.2974 by changing the saturation by 10% instead.


 46.8597, 0.3151,
0.2974

 46.8597, 0.3151,
0.2974


374.2542, 0.3141,
0.3128

 32.9248, 0.3153,
0.2937


 85.5042, 0.3148,
0.3029

 22.0688, 0.3155,
0.2889


110.9825, 0.3146,
0.3050

 13.9075, 0.3158,
0.2828


141.0774, 0.3145,
0.3068

 8.0563, 0.3161,
0.2743

176.1732, 0.3144,
0.3083

 4.1310, 0.3164,
0.2622

216.6544, 0.3143,
0.3097

 1.7471, 0.3165,
0.2432

262.9054, 0.3142,

 0.4539, 0.3236,

0.3108

0.1881

315.3105, 0.3141,
0.3119

0.0000, 0.0000,
0.0000

46.8597, 0.3151,
0.2974

46.8597, 0.3151,
0.2974

39.6313, 0.3170,
0.2734

55.2546, 0.3133,
0.3211

33.5118, 0.3191,
0.2496

64.8582, 0.3117,
0.3438

28.4479, 0.3211,
0.2271

75.7180, 0.3102,
0.3653

24.3797, 0.3232,
0.2067

87.8771, 0.3088,
0.3852

21.2409, 0.3252,
0.1893

88.2908, 0.3084,
0.3850

■ 18.9576, 0.3270,
0.1758

■ 88.3279, 0.3080,
0.3841

■ 17.4444, 0.3286,
0.1664

■ 88.3651, 0.3075,
0.3832

■ 16.5984, 0.3300,
0.1613

■ 88.4025, 0.3071,
0.3823

■ 16.2829, 0.3308,
0.1596

■ 88.4401, 0.3067,
0.3815

Harmonies

Analogous

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



46.8597, 0.2916, 0.2895



46.8597, 0.3151, 0.2974



46.8597, 0.3387, 0.3130

Triad

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



46.8597, 0.3151, 0.2974



46.8597, 0.3519, 0.3670



46.8597, 0.2716, 0.3228

Complementary

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



46.8597, 0.3151, 0.2974



53.8748, 0.3103, 0.3628

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.



46.8597, 0.2866, 0.3454



46.8597, 0.3151, 0.2974



46.8597, 0.3329, 0.3716

Square

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



46.8597, 0.3151, 0.2974



46.8597, 0.3604, 0.3525



46.8597, 0.3089, 0.3638



46.8597, 0.2672, 0.3030

Rectangle

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



46.8597, 0.3151, 0.2974



46.8597, 0.3511, 0.3259



46.8597, 0.3089, 0.3638



46.8597, 0.2755, 0.3303

Sweetspot

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



46.8617, 0.3151, 0.2974



93.6387, 0.3134, 0.3196



43.5940, 0.2922, 0.2939



19.7946, 0.3135, 0.3178



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.



46.8617, 0.3151, 0.2974



76.5740, 0.3156, 0.2907



46.2638, 0.3262, 0.3134



10.8093, 0.3144, 0.3071



10.2399, 0.3306, 0.1595



0.4871, 0.3285, 0.1583

Inverse Universe

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



46.8617, 0.3151, 0.2974



76.5740, 0.3156, 0.2907



54.4266, 0.3010, 0.3451



10.8093, 0.3144, 0.3071



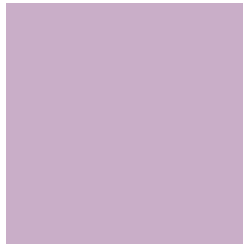
10.2399, 0.3306, 0.1595



0.4871, 0.3285, 0.1583

Previews

White Background



This preview shows how the Yxy color 46.8597, 0.3151, 0.2974 looks on a white background.

Color Contrast Check

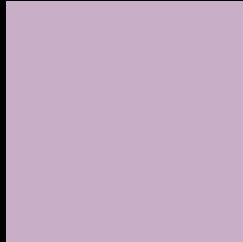
Large Text (above 18pt) WCAG AA × Fail

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 46.8597, 0.3151, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

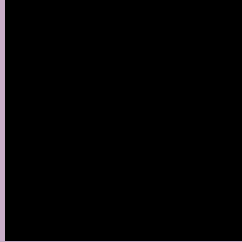
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8597, 0.3151, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 46.8597, 0.3151, 0.2974.



This preview shows how white text looks on a background with the Yxy color 46.8597, 0.3151, 0.2974.

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

46.8597, 0.3151, 0.2974

Protanopia

46.9911, 0.2935, 0.2997

Deuteranopia

46.7743, 0.3080, 0.3016



Tritanopia

46.9105, 0.3214, 0.3117

Trichromacy



Original Color

46.8597, 0.3151, 0.2974

Protanomaly

46.7174, 0.3007, 0.2977

Deuteranomaly

46.7763, 0.3106, 0.3006

Tritanomaly

46.8343, 0.3191, 0.3057

Monochromacy



Original Color

46.8597, 0.3151, 0.2974

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8418, 0.3141, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8597, 0.3151, 0.2974 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, 174, 200)` looks like.

```
.text, #text, p{  
    color:rgb(201, 174, 200)  
}
```

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, 174, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 174, 200) }
```

Border

The CSS property to change the border of an element to Yxy 46.8597, 0.3151, 0.2974 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, 174, 200) }
```

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

```
.border{ border-color:rgb(201, 174, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 174, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 174, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 174, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 174,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8597, 0.3151, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 174, 200) }
```

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

```
.background{ background-color: rgb(201,  
174, 200) }
```

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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