

Converting Colors

$Y_{xy}(47.4109, 0.2959, 0.2582)$

Have a look what the booklet for
Yxy(47.4109, 0.2959, 0.2582)
contains.

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Color

Yxy(47.4109, 0.2959, 0.2582)

Conversions

Conversions Part 1

Format	Color
Hex	CFA9E7
RGB	207, 169, 231
RGB Percent	81%, 66%, 91%
CMY	0.1884, 0.3372, 0.0942
CMYK	0.10, 0.27, 0.00, 0.09
HSL	277°, 56%, 78%
HSV	277°, 27%, 91%
XYZ	54.3334, 47.4109, 81.8765
YIQ	187.4300, 2.7460, 27.3380

Conversions

Conversions Part 2

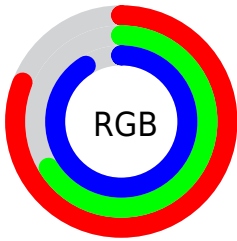
Format	Color
R _Y B	207, 169, 231
Decimal	13609447
CIE Lab	74.45, 25.09, -25.92
CIE LCh	74, 36.072, 314.066
Yxy	47.4109, 0.2959, 0.2582
Android (android.graphics.Color)	4291799527 (0xFFCFA9E7)
YUV	187.4300, 21.4800, 17.1629
Hunter-Lab	68.8556, 20.3557, -22.3032

Details

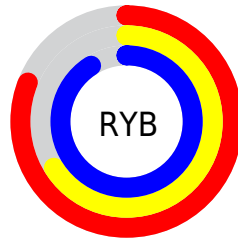
The Yxy color $47.4109, 0.2959, 0.2582$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $71.3522, 0.3255, 0.4023$, and the grayscale version is $49.8240, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.7913, 0.3141, 0.2989$, and $22.4931, 0.2908, 0.2418$ is the 20% darker color. If you saturate the color by 10%, you get $38.3096, 0.2877, 0.2298$, and if you desaturate by 10%, it is $58.1075, 0.3030, 0.2859$.

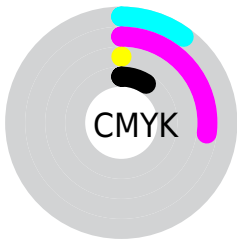
Distribution



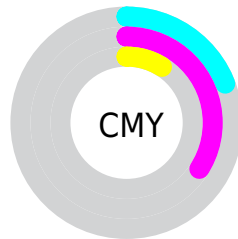
- Red (81%)
- Green (66%)
- Blue (91%)



- Red (81%)
- Yellow (66%)
- Blue (91%)



- Cyan (10%)
- Magenta (27%)
- Yellow (0%)
- Black (9%)





- Cyan (19%)
- Magenta (34%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4109, 0.2959, 0.2582 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 47.4109, 0.2959, 0.2582 by changing the saturation by 10% instead.


 47.4109, 0.2959,
0.2582


 47.4109, 0.2959,
0.2582


376.4523, 0.3048,
0.2916

 33.3606, 0.2936,
0.2505

 86.3266, 0.2992,
0.2699

 22.4028, 0.2905,
0.2409


 111.9609, 0.3005,
0.2744

 14.1532, 0.2864,
0.2287


142.2252, 0.3015,
0.2783

 8.2273, 0.2806,
0.2128

177.5041, 0.3024,
0.2816

 4.2407, 0.2719,
0.1911

218.1818, 0.3031,
0.2846

 1.8091, 0.2576,
0.1604

264.6428, 0.3037,

 0.4928, 0.2342,

0.2872

0.1046

317.2715, 0.3043,
0.2895

0.0000, 0.0242,
0.0000

0.0000, 0.0000,
0.0000

47.4109, 0.2959,
0.2582

47.4109, 0.2959,
0.2582

38.3096, 0.2877,
0.2298

58.1075, 0.3030,
0.2859

30.7165, 0.2786,
0.2014

70.4687, 0.3091,
0.3121

24.5453, 0.2687,
0.1745

84.5667, 0.3142,
0.3365

19.6980, 0.2582,
0.1502

96.3049, 0.3190,
0.3528

■ 16.0639, 0.2476,
0.1298

■ 97.9355, 0.3247,
0.3524

■ 13.5134, 0.2373,
0.1142

■ 98.5486, 0.3268,
0.3523

■ 11.8814, 0.2276,
0.1038

■ 11.4687, 0.2247,
0.1011

Harmonies

Analogous

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



47.4109, 0.2531, 0.2491



47.4109, 0.2959, 0.2582



47.4109, 0.3470, 0.2827

Triad

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



47.4109, 0.2959, 0.2582



47.4109, 0.4040, 0.3942



47.4109, 0.2390, 0.3334

Complementary

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



47.4109, 0.2959, 0.2582



71.3522, 0.3255, 0.4023

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.



47.4109, 0.2750, 0.3827



47.4109, 0.2959, 0.2582



47.4109, 0.3705, 0.4174

Square

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



47.4109, 0.2959, 0.2582



47.4109, 0.4123, 0.3576



47.4109, 0.3231, 0.4150



47.4109, 0.2224, 0.2876

Rectangle

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



47.4109, 0.2959, 0.2582



47.4109, 0.3782, 0.3054



47.4109, 0.3231, 0.4150



47.4109, 0.2491, 0.3504

Sweetspot

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



47.4129, 0.2959, 0.2582



86.1985, 0.3084, 0.3090



52.7042, 0.2692, 0.2836



17.9282, 0.3076, 0.3051



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.



47.4129, 0.2959, 0.2582



53.0062, 0.2917, 0.2430



50.7956, 0.3209, 0.2685



14.3217, 0.3076, 0.3054



6.5041, 0.2261, 0.1019



0.5338, 0.2398, 0.1095

Inverse Universe

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



49.2233, 0.3483, 0.3020



55.7104, 0.3579, 0.2964



68.6844, 0.3054, 0.3981



14.4601, 0.3232, 0.3199



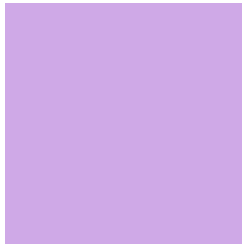
9.9565, 0.5422, 0.2761



0.7535, 0.5030, 0.2545

Previews

White Background



This preview shows how the Yxy color 47.4109, 0.2959, 0.2582 looks on a white background.

Color Contrast Check

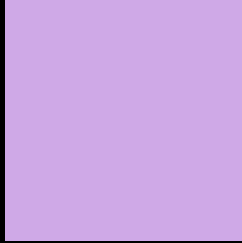
Large Text (above 18pt) WCAG AA × Fail

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 47.4109, 0.2959, 0.2582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

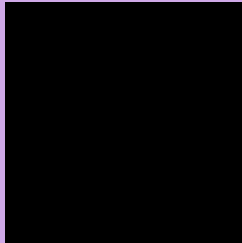
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4109, 0.2959, 0.2582

Background



This preview shows how black text looks on a background with the Yxy color 47.4109, 0.2959, 0.2582.



This preview shows how white text looks on a background with the Yxy color 47.4109, 0.2959, 0.2582.

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

47.4109, 0.2959, 0.2582

Protanopia

47.6638, 0.2614, 0.2574

Deuteranopia

47.7646, 0.2753, 0.2693



Tritanopia

47.5795, 0.3231, 0.3130

Trichromacy



Original Color

47.4109, 0.2959, 0.2582

Protanomaly

47.5038, 0.2727, 0.2576

Deuteranomaly

47.5827, 0.2826, 0.2647

Tritanomaly

47.3764, 0.3127, 0.2918

Monochromacy



Original Color

47.4109, 0.2959, 0.2582

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

48.4236, 0.3065, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4109, 0.2959, 0.2582 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, 169, 231)` looks like.

```
.text, #text, p{  
    color:rgb(207, 169, 231)  
}
```

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, 169, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 169, 231) }
```

Border

The CSS property to change the border of an element to Yxy 47.4109, 0.2959, 0.2582 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, 169, 231) }
```

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

```
.border{ border-color:rgb(207, 169, 231) }
```

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

Here you see how a box with a 4 pixel rgb(207, 169, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 169, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 169, 231);  
box-shadow:4px 4px 4px 4px rgb(207, 169,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4109, 0.2959, 0.2582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 169, 231) }
```

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

```
.background{ background-color: rgb(207,  
169, 231) }
```

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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