

Converting Colors

$Yxy(44.4877, 0.2959, 0.2666)$

Have a look what the booklet for
Yxy(44.4877, 0.2959, 0.2666)
contains.

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Color

Yxy(44.4877, 0.2959, 0.2666)

Conversions

Conversions Part 1

Format	Color
Hex	C4A7DB
RGB	196, 167, 219
RGB Percent	77%, 65%, 86%
CMY	0.2312, 0.3451, 0.1412
CMYK	0.10, 0.24, 0.00, 0.14
HSL	274°, 42%, 76%
HSV	274°, 24%, 86%
XYZ	49.3770, 44.4877, 73.0059
YIQ	181.5990, 0.5920, 22.3200

Conversions

Conversions Part 2

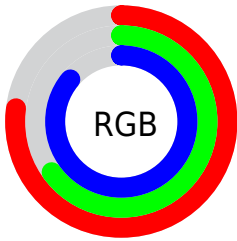
Format	Color
R_{YB}	196, 167, 219
Decimal	12888027
CIE _{Lab}	72.55, 20.25, -22.37
CIE _{LCh}	73, 30.175, 312.148
Yxy	44.4877, 0.2959, 0.2666
Android (android.graphics.Color)	4291078107 (0xFFC4A7DB)
YUV	181.5990, 18.4387, 12.6297
Hunter-Lab	66.6991, 15.4192, -18.2068

Details

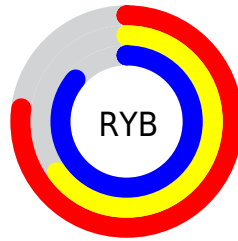
The Yxy color $44.4877, 0.2959, 0.2666$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $64.3981, 0.3262, 0.3924$, and the grayscale version is $46.4505, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.3452, 0.3128, 0.2968$, and $20.6926, 0.2906, 0.2507$ is the 20% darker color. If you saturate the color by 10%, you get $35.8781, 0.2869, 0.2379$, and if you desaturate by 10%, it is $54.5434, 0.3038, 0.2941$.

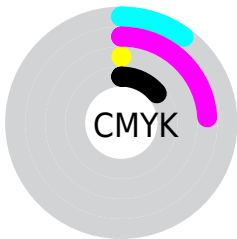
Distribution



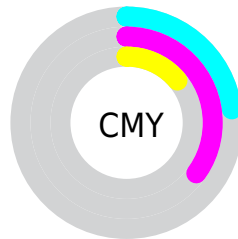
- Red (77%)
- Green (65%)
- Blue (86%)



- Red (77%)
- Yellow (65%)
- Blue (86%)



- Cyan (10%)
- Magenta (24%)
- Yellow (0%)
- Black (14%)




- Cyan (23%)
- Magenta (35%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4877, 0.2959, 0.2666 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 44.4877, 0.2959, 0.2666 by changing the saturation by 10% instead.

 44.4877, 0.2959,
0.2666

 44.4877, 0.2959,
0.2666


364.6948, 0.3048,
0.2966

 31.0541, 0.2936,
0.2595


 81.9511, 0.2992,
0.2772

 20.6400, 0.2905,
0.2506


 106.7497, 0.3004,
0.2813

 12.8611, 0.2864,
0.2391


136.1054, 0.3014,
0.2848

 7.3330, 0.2805,
0.2237

170.4027, 0.3023,
0.2878

 3.6712, 0.2716,
0.2024

210.0258, 0.3031,
0.2904

 1.4914, 0.2565,
0.1709

255.3593, 0.3037,

 0.2827, 0.2361,

0.2927

0.0875

306.7875, 0.3043,
0.2948

0.0000, 0.0000,
0.0000

44.4877, 0.2959,
0.2666

44.4877, 0.2959,
0.2666

35.8781, 0.2869,
0.2379

54.5434, 0.3038,
0.2941

28.6390, 0.2768,
0.2088

66.1047, 0.3105,
0.3199

22.6963, 0.2657,
0.1805

79.2345, 0.3161,
0.3436

17.9664, 0.2540,
0.1542

93.9906, 0.3209,
0.3652

14.3556, 0.2421,
0.1315

95.9383, 0.3270,
0.3649

■ 11.7557, 0.2304,
0.1134

■ 97.7178, 0.3333,
0.3642

■ 10.0358, 0.2195,
0.1006

■ 97.8948, 0.3339,
0.3641

■ 9.2737, 0.2131,
0.0948

Harmonies

Analogous

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



44.4877, 0.2595, 0.2598



44.4877, 0.2959, 0.2666



44.4877, 0.3395, 0.2873

Triad

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



44.4877, 0.2959, 0.2666



44.4877, 0.3922, 0.3840



44.4877, 0.2508, 0.3359

Complementary

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



44.4877, 0.2959, 0.2666



64.3981, 0.3262, 0.3924

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.



44.4877, 0.2832, 0.3767



44.4877, 0.2959, 0.2666



44.4877, 0.3651, 0.4039

Square

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



44.4877, 0.2959, 0.2666



44.4877, 0.3973, 0.3523



44.4877, 0.3249, 0.4026



44.4877, 0.2349, 0.2963

Rectangle

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



44.4877, 0.2959, 0.2666



44.4877, 0.3664, 0.3069



44.4877, 0.3249, 0.4026



44.4877, 0.2600, 0.3502

Sweetspot

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



44.4896, 0.2959, 0.2666



87.6708, 0.3084, 0.3115



50.3288, 0.2749, 0.2930



18.5486, 0.3080, 0.3100



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.



44.4896, 0.2959, 0.2666



55.8720, 0.2911, 0.2509



47.6741, 0.3176, 0.2729



12.9739, 0.3068, 0.3055



5.5645, 0.2146, 0.0956



0.4112, 0.2313, 0.1048

Inverse Universe

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



46.4112, 0.3406, 0.3021



59.1681, 0.3490, 0.2955



61.7676, 0.3079, 0.3923



13.1466, 0.3223, 0.3187



9.4597, 0.5195, 0.2636



0.6300, 0.4791, 0.2413

Previews

White Background



This preview shows how the Yxy color 44.4877, 0.2959, 0.2666 looks on a white background.

Color Contrast Check

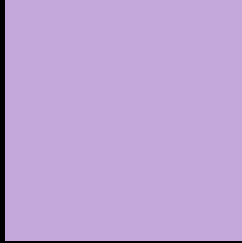
Large Text (above 18pt) WCAG AA × Fail

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 44.4877, 0.2959, 0.2666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

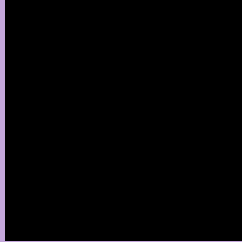
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4877, 0.2959, 0.2666

Background



This preview shows how black text looks on a background with the Yxy color 44.4877, 0.2959, 0.2666.



This preview shows how white text looks on a background with the Yxy color 44.4877, 0.2959, 0.2666.

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

44.4877, 0.2959, 0.2666

Protanopia

44.6486, 0.2680, 0.2660

Deuteranopia

44.5642, 0.2807, 0.2738



Tritanopia

44.5514, 0.3171, 0.3112

Trichromacy



Original Color

44.4877, 0.2959, 0.2666

Protanomaly

44.5620, 0.2779, 0.2670

Deuteranomaly

44.2551, 0.2861, 0.2708

Tritanomaly

44.5868, 0.3091, 0.2941

Monochromacy



Original Color

44.4877, 0.2959, 0.2666

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

45.9492, 0.3069, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4877, 0.2959, 0.2666 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(196, 167, 219)` looks like.

```
.text, #text, p{  
    color:rgb(196, 167, 219)  
}
```

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(196, 167, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 167, 219) }
```

Border

The CSS property to change the border of an element to Yxy 44.4877, 0.2959, 0.2666 is called "border". The border property can be set on classes, ids or directly on the HTML element.

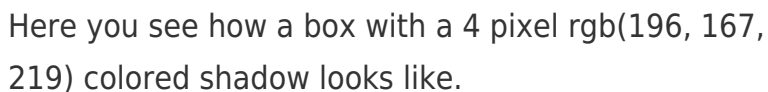
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 167, 219) }
```

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

```
.border{ border-color:rgb(196, 167, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 167, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 167, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 167, 219); box-shadow:4px 4px 4px 4px rgb(196, 167, 219) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4877, 0.2959, 0.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 167, 219) }
```

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

```
.background{ background-color: rgb(196,  
167, 219) }
```

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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