

Converting Colors

$Y_{xy}(37.2879, 0.3274, 0.2881)$

Have a look what the booklet for
Yxy(37.2879, 0.3274, 0.2881)
contains.

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Color

Yxy(37.2879, 0.3274, 0.2881)

Conversions

Conversions Part 1

Format	Color
Hex	C497B7
RGB	196, 151, 183
RGB Percent	77%, 59%, 72%
CMY	0.2315, 0.4078, 0.2823
CMYK	0.00, 0.23, 0.07, 0.23
HSL	317°, 28%, 68%
HSV	317°, 23%, 77%
XYZ	42.3744, 37.2879, 49.7647
YIQ	168.1030, 16.5480, 19.4920

Conversions

Conversions Part 2

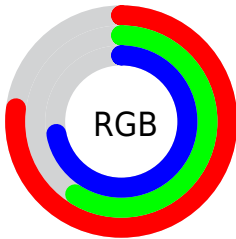
Format	Color
R _Y B	196, 151, 183
Decimal	12883895
CIE Lab	67.49, 22.08, -10.11
CIE LCh	67, 24.287, 335.413
Yxy	37.2879, 0.3274, 0.2881
Android (android.graphics.Color)	4291073975 (0xFFC497B7)
YUV	168.1030, 7.3442, 24.4657
Hunter-Lab	61.0638, 17.0059, -5.5744

Details

The Yxy color **37.2879, 0.3274, 0.2881** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.7302, 0.3006, 0.3737**, and the grayscale version is **39.1686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2573, 0.3247, 0.2960**, and **16.4768, 0.3319, 0.2770** is the 20% darker color. If you saturate the color by 10%, you get **31.2657, 0.3356, 0.2697**, and if you desaturate by 10%, it is **44.3715, 0.3203, 0.3064**.

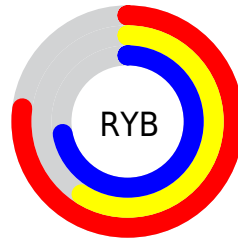
Distribution



Red (77%)

Green (59%)

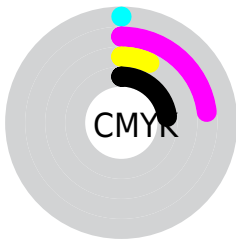
Blue (72%)



Red (77%)

Yellow (59%)

Blue (72%)

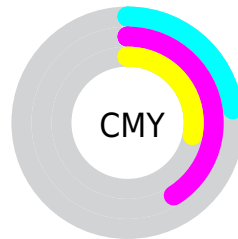


Cyan (0%)

Magenta (23%)

Yellow (7%)

Black (23%)



Cyan (23%)


Magenta (41%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.2879, 0.3274, 0.2881 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 37.2879, 0.3274, 0.2881 by changing the saturation by 10% instead.


 37.2879, 0.3274,
0.2881


 37.2879, 0.3274,
0.2881


334.5553, 0.3201,
0.3086

 25.4305, 0.3292,
0.2830


 71.0154, 0.3248,
0.2956

 16.3981, 0.3315,
0.2763


 93.6542, 0.3238,
0.2984

 9.8063, 0.3346,
0.2675


120.6556, 0.3229,
0.3007

 5.2707, 0.3388,
0.2552

152.4040, 0.3222,
0.3028

 2.4070, 0.3450,
0.2368

189.2838, 0.3216,
0.3045

 0.8295, 0.3549,
0.2063

231.6793, 0.3210,

 0.0000, 0.4051,

0.3061

0.0000

279.9750, 0.3205,
0.3074

0.0000, 0.0000,
0.0000

37.2879, 0.3274,
0.2881

37.2879, 0.3274,
0.2881

31.2657, 0.3356,
0.2697

44.3715, 0.3203,
0.3064

26.2479, 0.3449,
0.2518

52.5597, 0.3143,
0.3240

22.1799, 0.3552,
0.2353

61.8995, 0.3092,
0.3407

18.9999, 0.3665,
0.2211

72.4338, 0.3049,
0.3563

16.6387, 0.3784,
0.2104

84.2030, 0.3013,
0.3708

■ 15.0166, 0.3905,
0.2040

■ 88.2590, 0.2982,
0.3705

■ 14.0381, 0.4025,
0.2025

■ 88.5583, 0.2952,
0.3642

■ 13.6093, 0.4108,
0.2036

■ 88.8677, 0.2922,
0.3579

■ 89.1874, 0.2892,
0.3516

Harmonies

Analogous

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



37.2879, 0.2907, 0.2726



37.2879, 0.3274, 0.2881



37.2879, 0.3618, 0.3132

Triad

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



37.2879, 0.3274, 0.2881



37.2879, 0.3643, 0.3907



37.2879, 0.2474, 0.3084

Complementary

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



37.2879, 0.3274, 0.2881



48.7302, 0.3006, 0.3737

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.



37.2879, 0.2648, 0.3433



37.2879, 0.3274, 0.2881



37.2879, 0.3318, 0.3934

Square

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



37.2879, 0.3274, 0.2881



37.2879, 0.3835, 0.3713



37.2879, 0.2954, 0.3758



37.2879, 0.2463, 0.2822

Rectangle

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



37.2879, 0.3274, 0.2881



37.2879, 0.3778, 0.3329



37.2879, 0.2954, 0.3758



37.2879, 0.2515, 0.3195

Sweetspot

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



37.2896, 0.3274, 0.2881



88.8079, 0.3167, 0.3167



33.9887, 0.2854, 0.2673



18.8125, 0.3171, 0.3157



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.



37.2896, 0.3274, 0.2881



61.3384, 0.3317, 0.2780



36.4352, 0.3493, 0.3163



10.1964, 0.3181, 0.3128



8.7623, 0.4092, 0.2028



0.3900, 0.3852, 0.1895

Inverse Universe

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



37.2896, 0.3274, 0.2881



61.3384, 0.3317, 0.2780



49.6055, 0.2855, 0.3422



10.1964, 0.3181, 0.3128



8.7623, 0.4092, 0.2028



0.3900, 0.3852, 0.1895

Previews

White Background



This preview shows how the Yxy color 37.2879, 0.3274, 0.2881 looks on a white background.

Color Contrast Check

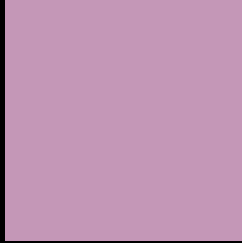
Large Text (above 18pt) WCAG AA × Fail

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 37.2879, 0.3274, 0.2881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

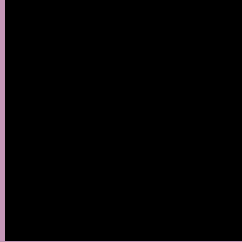
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2879, 0.3274, 0.2881

Background



This preview shows how black text looks on a background with the Yxy color 37.2879, 0.3274, 0.2881.



This preview shows how white text looks on a background with the Yxy color 37.2879, 0.3274, 0.2881.

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

37.2879, 0.3274, 0.2881

Protanopia

37.4296, 0.2868, 0.2902

Deuteranopia

37.3620, 0.3066, 0.3003



Tritanopia

37.3337, 0.3415, 0.3133

Trichromacy



Original Color

37.2879, 0.3274, 0.2881

Protanomaly

37.3114, 0.3006, 0.2898

Deuteranomaly

37.3151, 0.3133, 0.2956

Tritanomaly

37.3631, 0.3368, 0.3043

Monochromacy



Original Color

37.2879, 0.3274, 0.2881

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.3228, 0.3181, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2879, 0.3274, 0.2881 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, 151, 183)` looks like.

```
.text, #text, p{  
    color:rgb(196, 151, 183)  
}
```

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, 151, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 151, 183) }
```

Border

The CSS property to change the border of an element to Yxy 37.2879, 0.3274, 0.2881 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, 151, 183) }
```

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

```
.border{ border-color:rgb(196, 151, 183) }
```

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

Here you see how a box with a 4 pixel rgb(196, 151, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 151, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 151, 183);  
box-shadow:4px 4px 4px 4px rgb(196, 151,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2879, 0.3274, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 151, 183) }
```

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

```
.background{ background-color: rgb(196,  
151, 183) }
```

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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