

Converting Colors

$Y_{xy}(40.1827, 0.3381, 0.2951)$

Have a look what the booklet for
Yxy(40.1827, 0.3381, 0.2951)
contains.

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Color

Yxy(40.1270, 0.3376, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	CF9BB7
RGB	207, 155, 183
RGB Percent	81%, 61%, 72%
CMY	0.1883, 0.3921, 0.2823
CMYK	0.00, 0.25, 0.12, 0.19
HSL	328°, 35%, 71%
HSV	328°, 25%, 81%
XYZ	45.9996, 40.1270, 50.1281
YIQ	173.7400, 22.0040, 19.7320

Conversions

Conversions Part 2

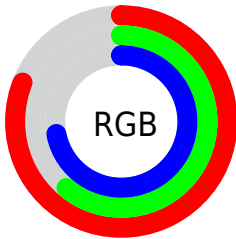
Format	Color
R_{YB}	207, 155, 183
Decimal	13605815
CIE _{Lab}	69.56, 23.77, -6.91
CIE _{LCh}	70, 24.755, 343.780
Yxy	40.1270, 0.3376, 0.2945
Android (android.graphics.Color)	4291795895 (0xFFCF9BB7)
YUV	173.7400, 4.5652, 29.1690
Hunter-Lab	63.3459, 18.7652, -2.5764

Details

The Yxy color **40.1270, 0.3376, 0.2945** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.8441, 0.2937, 0.3663**, and the grayscale version is **42.1559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5852, 0.3258, 0.3002**, and **17.9876, 0.3451, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **33.4350, 0.3510, 0.2802**, and if you desaturate by 10%, it is **48.0305, 0.3263, 0.3087**.

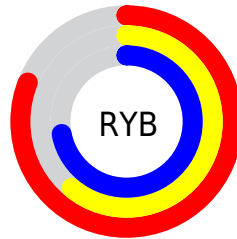
Distribution



Red (81%)

Green (61%)

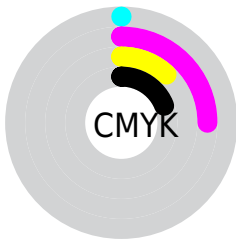
Blue (72%)



Red (81%)

Yellow (61%)

Blue (72%)

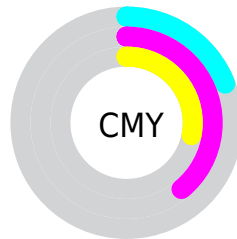


Cyan (0%)

Magenta (25%)

Yellow (12%)

Black (19%)



Cyan (19%)


Magenta (39%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1270, 0.3376, 0.2945 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 40.1270, 0.3376, 0.2945 by changing the saturation by 10% instead.


 40.1270, 0.3376,
0.2945


 40.1270, 0.3376,
0.2945

346.6586, 0.3251,
0.3117

 27.6376, 0.3408,
0.2902


 75.3569, 0.3330,
0.3007

 18.0526, 0.3448,
0.2847


 98.8661, 0.3313,
0.3031

 10.9878, 0.3503,
0.2774


126.8174, 0.3299,
0.3051

 6.0586, 0.3579,
0.2673

159.5951, 0.3286,
0.3068

 2.8808, 0.3694,
0.2522

197.5837, 0.3276,
0.3083

 1.0698, 0.3887,
0.2276

241.1676, 0.3266,


 0.0000, 0.5537,


0.3096


0.0000


290.7311, 0.3258,
0.3107


 0.0000, 0.0000,
0.0000


 40.1270, 0.3376,
0.2945


 40.1270, 0.3376,
0.2945


 33.4350, 0.3510,
0.2802


 48.0305, 0.3263,
0.3087


 27.8883, 0.3666,
0.2663


 57.1966, 0.3169,
0.3223


 23.4226, 0.3846,
0.2537

 67.6799, 0.3091,
0.3352

 19.9652, 0.4046,
0.2436

 79.5301, 0.3026,
0.3471

 17.4339, 0.4262,
0.2372

 90.5393, 0.2972,
0.3546

■ 15.7337, 0.4485,
0.2355

■ 91.0928, 0.2921,
0.3444

■ 14.7488, 0.4704,
0.2392

■ 91.6762, 0.2870,
0.3343

■ 14.4232, 0.4810,
0.2423

■ 92.0039, 0.2844,
0.3289

Harmonies

Analogous

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



40.1270, 0.3006, 0.2760



40.1270, 0.3376, 0.2945



40.1270, 0.3691, 0.3213

Triad

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



40.1270, 0.3376, 0.2945



40.1270, 0.3560, 0.3931



40.1270, 0.2457, 0.3001

Complementary

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



40.1270, 0.3376, 0.2945



54.8441, 0.2937, 0.3663

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.



40.1270, 0.2587, 0.3332



40.1270, 0.3376, 0.2945



40.1270, 0.3215, 0.3901

Square

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



40.1270, 0.3376, 0.2945



40.1270, 0.3796, 0.3777



40.1270, 0.2860, 0.3675



40.1270, 0.2493, 0.2776

Rectangle

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



40.1270, 0.3376, 0.2945



40.1270, 0.3817, 0.3413



40.1270, 0.2860, 0.3675



40.1270, 0.2482, 0.3103

Sweetspot

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



40.1288, 0.3376, 0.2945



87.0766, 0.3195, 0.3183



37.4622, 0.2898, 0.2620



18.1508, 0.3209, 0.3163



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.



40.1288, 0.3376, 0.2945



58.4524, 0.3443, 0.2870



39.1644, 0.3627, 0.3259



11.9132, 0.3207, 0.3165



9.1076, 0.4782, 0.2408



0.5252, 0.4416, 0.2206

Inverse Universe

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



40.1288, 0.3376, 0.2945



58.4524, 0.3443, 0.2870



55.9685, 0.2777, 0.3322



11.9132, 0.3207, 0.3165



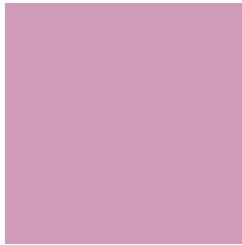
9.1076, 0.4782, 0.2408



0.5252, 0.4416, 0.2206

Previews

White Background



This preview shows how the Yxy color 40.1270, 0.3376, 0.2945 looks on a white background.

Color Contrast Check

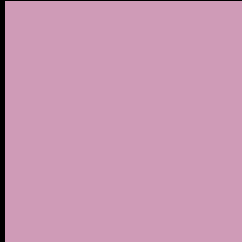
Large Text (above 18pt) WCAG AA × Fail

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 40.1270, 0.3376, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

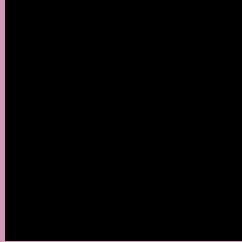
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1270, 0.3376, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 40.1270, 0.3376, 0.2945.



This preview shows how white text looks on a background with the Yxy color 40.1270, 0.3376, 0.2945.

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

40.1270, 0.3376, 0.2945

Protanopia

40.3972, 0.2923, 0.2979

Deuteranopia

40.1915, 0.3146, 0.3078



Tritanopia

39.9577, 0.3488, 0.3140

Trichromacy



Original Color

40.1270, 0.3376, 0.2945

Protanomaly

40.1701, 0.3079, 0.2962

Deuteranomaly

39.9435, 0.3225, 0.3018

Tritanomaly

39.9547, 0.3452, 0.3066

Monochromacy



Original Color

40.1270, 0.3376, 0.2945

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.2509, 0.3216, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1270, 0.3376, 0.2945 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, 155, 183)` looks like.

```
.text, #text, p{  
    color:rgb(207, 155, 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(207, 155, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 155, 183) }
```

Border

The CSS property to change the border of an element to Yxy 40.1270, 0.3376, 0.2945 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, 155, 183) }
```

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

```
.border{ border-color:rgb(207, 155, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 155, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 155, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 155, 183);  
box-shadow:4px 4px 4px 4px rgb(207, 155,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1270, 0.3376, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 155, 183) }
```

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

```
.background{ background-color: rgb(207,  
155, 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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