

Converting Colors

$Y_{xy}(43.9094, 0.2968, 0.2885)$

Have a look what the booklet for
Yxy(43.9094, 0.2968, 0.2885)
contains.

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Color

Yxy(43.9320, 0.2966, 0.2884)

Conversions

Conversions Part 1

Format	Color
Hex	B7ACCC
RGB	183, 172, 204
RGB Percent	72%, 67%, 80%
CMY	0.2823, 0.3255, 0.2000
CMYK	0.10, 0.16, 0.00, 0.20
HSL	261°, 24%, 74%
HSV	261°, 16%, 80%
XYZ	45.1811, 43.9320, 63.2170
YIQ	178.9370, -3.7160, 12.2840

Conversions

Conversions Part 2

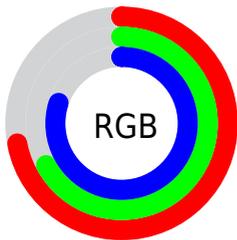
Format	Color
R _Y B	183, 172, 204
Decimal	12037324
CIE Lab	72.18, 10.12, -14.81
CIE LCh	72, 17.936, 304.350
Yxy	43.9320, 0.2966, 0.2884
Android (android.graphics.Color)	4290227404 (0xFFB7ACCC)
YUV	178.9370, 12.3561, 3.5633
Hunter-Lab	66.2812, 5.6838, -10.1521

Details

The Yxy color $43.9320, 0.2966, 0.2884$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $57.4929, 0.3272, 0.3687$, and the grayscale version is $44.9801, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.5089, 0.3032, 0.3010$, and $20.3808, 0.2917, 0.2774$ is the 20% darker color. If you saturate the color by 10%, you get $35.1927, 0.2843, 0.2595$, and if you desaturate by 10%, it is $54.0226, 0.3073, 0.3150$.

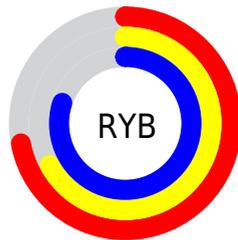
Distribution



Red (72%)

Green (67%)

Blue (80%)



Red (72%)

Yellow (67%)

Blue (80%)

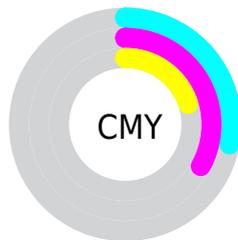


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (20%)



Cyan (28%)

Magenta (33%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9320, 0.2966, 0.2884 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 43.9320, 0.2966, 0.2884 by changing the saturation by 10% instead.

■ 43.9320, 0.2966,
0.2884

■ 43.9320, 0.2966,
0.2884

362.4307, 0.3049,
0.3084

■ 30.6171, 0.2945,
0.2835

■ 81.1154, 0.2996,
0.2956

■ 20.3074, 0.2917,
0.2773

105.7527, 0.3008,
0.2983

■ 12.6187, 0.2880,
0.2691

134.9328, 0.3017,
0.3006

■ 7.1665, 0.2827,
0.2579

169.0402, 0.3025,
0.3026

■ 3.5665, 0.2747,
0.2417

208.4594, 0.3032,
0.3043

■ 1.4341, 0.2612,
0.2161

253.5745, 0.3039,

■ 0.2417, 0.2318,

0.3059

0.1175

304.7702, 0.3044,
0.3072

0.0000, 0.0000,
0.0000

43.9320, 0.2966,
0.2884

43.9320, 0.2966,
0.2884

35.1927, 0.2843,
0.2595

54.0226, 0.3073,
0.3150

27.7408, 0.2705,
0.2287

65.5139, 0.3165,
0.3391

21.5152, 0.2552,
0.1970

78.4595, 0.3243,
0.3606

16.4476, 0.2391,
0.1658

92.9085, 0.3310,
0.3797

12.4628, 0.2226,
0.1366

96.1831, 0.3396,
0.3796

■ 9.4765, 0.2067,
0.1114

■ 97.1391, 0.3430,
0.3790

■ 7.3911, 0.1923,
0.0917

■ 6.0873, 0.1800,
0.0784

■ 5.6699, 0.1754,
0.0740

Harmonies

Analogous

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



43.9320, 0.2760, 0.2873



43.9320, 0.2966, 0.2884



43.9320, 0.3223, 0.2993

Triad

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



43.9320, 0.2966, 0.2884



43.9320, 0.3624, 0.3588



43.9320, 0.2797, 0.3400

Complementary

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



43.9320, 0.2966, 0.2884



57.4929, 0.3272, 0.3687

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.



43.9320, 0.3018, 0.3617



43.9320, 0.2966, 0.2884



43.9320, 0.3498, 0.3720

Square

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



43.9320, 0.2966, 0.2884



43.9320, 0.3612, 0.3388



43.9320, 0.3274, 0.3735



43.9320, 0.2666, 0.3160

Rectangle

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



43.9320, 0.2966, 0.2884



43.9320, 0.3390, 0.3108



43.9320, 0.3274, 0.3735



43.9320, 0.2863, 0.3479

Sweetspot

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



43.9338, 0.2966, 0.2884



90.5819, 0.3079, 0.3166



51.4141, 0.2886, 0.3154



19.1153, 0.3072, 0.3148



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.



43.9338, 0.2966, 0.2884



67.3527, 0.2924, 0.2783



45.9600, 0.3099, 0.2900



11.0286, 0.3035, 0.3054



3.6159, 0.1768, 0.0748



0.2284, 0.1992, 0.0871

Inverse Universe

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



46.1905, 0.3237, 0.3034



71.8597, 0.3266, 0.2974



55.5449, 0.3149, 0.3702



11.3356, 0.3189, 0.3139



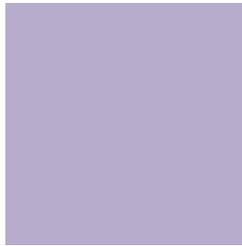
9.1773, 0.4306, 0.2146



0.4874, 0.4039, 0.1998

Previews

White Background



This preview shows how the Yxy color 43.9320, 0.2966, 0.2884 looks on a white background.

Color Contrast Check

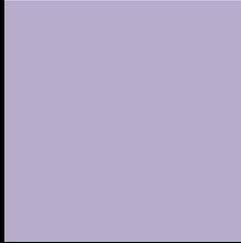
Large Text (above 18pt) WCAG AA × Fail

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 43.9320, 0.2966, 0.2884 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

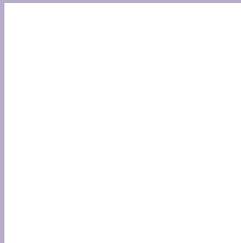
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9320, 0.2966, 0.2884

Background



This preview shows how black text looks on a background with the Yxy color 43.9320, 0.2966, 0.2884.



This preview shows how white text looks on a background with the Yxy color 43.9320, 0.2966, 0.2884.

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

43.9320, 0.2966, 0.2884

Protanopia

44.1648, 0.2855, 0.2901

Deuteranopia

44.0705, 0.2949, 0.2895



Tritanopia

43.9941, 0.3066, 0.3120

Trichromacy



Original Color

43.9320, 0.2966, 0.2884

Protanomaly

44.1817, 0.2893, 0.2903

Deuteranomaly

44.1919, 0.2958, 0.2896

Tritanomaly

43.9909, 0.3027, 0.3031

Monochromacy



Original Color

43.9320, 0.2966, 0.2884

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.3848, 0.3065, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9320, 0.2966, 0.2884 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(183, 172, 204)` looks like.

```
.text, #text, p{  
    color:rgb(183, 172, 204)  
}
```

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(183, 172, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 172, 204) }
```

Border

The CSS property to change the border of an element to Yxy 43.9320, 0.2966, 0.2884 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(183, 172, 204) }
```

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

```
.border{ border-color:rgb(183, 172, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 172, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 172, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 172, 204);  
box-shadow:4px 4px 4px 4px rgb(183, 172,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9320, 0.2966, 0.2884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 172, 204) }
```

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

```
.background{ background-color: rgb(183,  
172, 204) }
```

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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