

Converting Colors

$Yxy(43.6509, 0.3007, 0.2667)$

Have a look what the booklet for
Yxy(43.6509, 0.3007, 0.2667)
contains.

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Color

Yxy(43.6509, 0.3007, 0.2667)

Conversions

Conversions Part 1

Format	Color
Hex	C7A4D8
RGB	199, 164, 216
RGB Percent	78%, 64%, 85%
CMY	0.2198, 0.3568, 0.1529
CMYK	0.08, 0.24, 0.00, 0.15
HSL	280°, 40%, 75%
HSV	280°, 24%, 85%
XYZ	49.2157, 43.6509, 70.8038
YIQ	180.3930, 4.1680, 23.5920

Conversions

Conversions Part 2

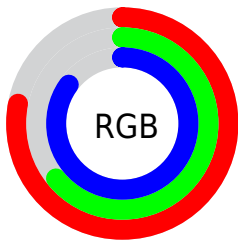
Format	Color
R_{YB}	199, 164, 216
Decimal	13083864
CIE _{Lab}	71.99, 22.22, -21.56
CIE _{LCh}	72, 30.958, 315.866
Yxy	43.6509, 0.3007, 0.2667
Android (android.graphics.Color)	4291273944 (0xFFC7A4D8)
YUV	180.3930, 17.5543, 16.3183
Hunter-Lab	66.0688, 17.3470, -17.2910

Details

The Yxy color $43.6509, 0.3007, 0.2667$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $61.6308, 0.3220, 0.3942$, and the grayscale version is $45.7655, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1430, 0.3144, 0.2940$, and $20.1813, 0.2972, 0.2509$ is the 20% darker color. If you saturate the color by 10%, you get $35.6191, 0.2942, 0.2391$, and if you desaturate by 10%, it is $53.0446, 0.3063, 0.2936$.

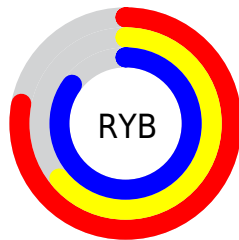
Distribution



Red (78%)

Green (64%)

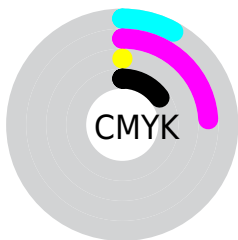
Blue (85%)



Red (78%)

Yellow (64%)

Blue (85%)

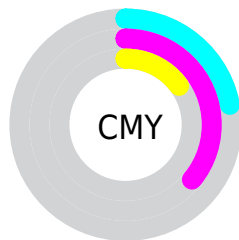


Cyan (8%)

Magenta (24%)

Yellow (0%)

Black (15%)



Cyan (22%)


Magenta (36%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.6509, 0.3007, 0.2667 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 43.6509, 0.3007, 0.2667 by changing the saturation by 10% instead.


 43.6509, 0.3007,
0.2667

 43.6509, 0.3007,
0.2667


361.2818, 0.3072,
0.2967

 30.3962, 0.2989,
0.2596


 80.6922, 0.3032,
0.2773

 20.1395, 0.2966,
0.2506


 105.2475, 0.3041,
0.2814

 12.4965, 0.2934,
0.2391


134.3385, 0.3048,
0.2849

 7.0827, 0.2887,
0.2236

168.3495, 0.3055,
0.2879

 3.5139, 0.2813,
0.2021

207.6649, 0.3060,
0.2905

 1.4055, 0.2686,
0.1702

252.6692, 0.3065,

 0.2208, 0.2548,

0.2928

0.0748

303.7467, 0.3069,
0.2949

0.0000, 0.0000,
0.0000

43.6509, 0.3007,
0.2667

43.6509, 0.3007,
0.2667

35.6191, 0.2942,
0.2391

53.0446, 0.3063,
0.2936

28.8768, 0.2869,
0.2115

63.8569, 0.3110,
0.3191

23.3530, 0.2788,
0.1851

76.1480, 0.3150,
0.3429

18.9678, 0.2701,
0.1611

89.9728, 0.3182,
0.3648

15.6311, 0.2612,
0.1407

94.0357, 0.3224,
0.3687

■ 13.2389, 0.2523,
0.1247

■ 95.2617, 0.3269,
0.3682

■ 11.6652, 0.2437,
0.1137

■ 96.5361, 0.3315,
0.3676

■ 10.9928, 0.2388,
0.1089

■ 97.7384, 0.3357,
0.3671

Harmonies

Analogous

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



43.6509, 0.2618, 0.2578



43.6509, 0.3007, 0.2667



43.6509, 0.3458, 0.2895

Triad

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



43.6509, 0.3007, 0.2667



43.6509, 0.3923, 0.3890



43.6509, 0.2458, 0.3306

Complementary

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



43.6509, 0.3007, 0.2667



61.6308, 0.3220, 0.3942

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.



43.6509, 0.2773, 0.3737



43.6509, 0.3007, 0.2667



43.6509, 0.3620, 0.4076

Square

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



43.6509, 0.3007, 0.2667



43.6509, 0.4008, 0.3573



43.6509, 0.3197, 0.4031



43.6509, 0.2319, 0.2909

Rectangle

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



43.6509, 0.3007, 0.2667



43.6509, 0.3727, 0.3102



43.6509, 0.3197, 0.4031



43.6509, 0.2546, 0.3453

Sweetspot

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



43.6528, 0.3007, 0.2667



88.0417, 0.3097, 0.3116



46.0433, 0.2737, 0.2844



18.6346, 0.3094, 0.3101



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.



43.6528, 0.3007, 0.2667



57.2346, 0.2974, 0.2524



45.6804, 0.3229, 0.2788



12.4191, 0.3086, 0.3057



6.5667, 0.2401, 0.1096



0.4401, 0.2543, 0.1175

Inverse Universe

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



44.4977, 0.3465, 0.3087



58.7506, 0.3562, 0.3040



60.0168, 0.3040, 0.3851



12.4873, 0.3240, 0.3214



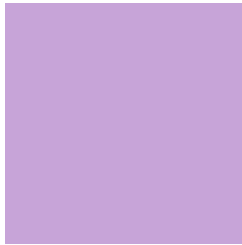
8.9270, 0.5646, 0.2884



0.5535, 0.5155, 0.2613

Previews

White Background



This preview shows how the Yxy color 43.6509, 0.3007, 0.2667 looks on a white background.

Color Contrast Check

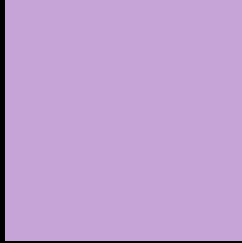
Large Text (above 18pt) WCAG AA × Fail

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 43.6509, 0.3007, 0.2667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

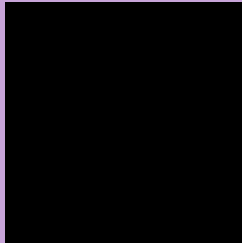
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6509, 0.3007, 0.2667

Background



This preview shows how black text looks on a background with the Yxy color 43.6509, 0.3007, 0.2667.



This preview shows how white text looks on a background with the Yxy color 43.6509, 0.3007, 0.2667.

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

43.6509, 0.3007, 0.2667

Protanopia

43.9343, 0.2677, 0.2667

Deuteranopia

43.8561, 0.2827, 0.2770



Tritanopia

43.6377, 0.3235, 0.3125

Trichromacy



Original Color

43.6509, 0.3007, 0.2667

Protanomaly

43.6934, 0.2792, 0.2666

Deuteranomaly

43.8461, 0.2890, 0.2731

Tritanomaly

43.6812, 0.3152, 0.2953

Monochromacy



Original Color

43.6509, 0.3007, 0.2667

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.6872, 0.3086, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6509, 0.3007, 0.2667 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(199, 164, 216)` looks like.

```
.text, #text, p{  
    color:rgb(199, 164, 216)  
}
```

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(199, 164, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 164, 216) }
```

Border

The CSS property to change the border of an element to Yxy 43.6509, 0.3007, 0.2667 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(199, 164, 216) }
```

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

```
.border{ border-color:rgb(199, 164, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 164, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 164, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 164, 216);  
box-shadow:4px 4px 4px 4px rgb(199, 164,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6509, 0.3007, 0.2667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 164, 216) }
```

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

```
.background{ background-color: rgb(199,  
164, 216) }
```

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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