

Converting Colors

$Y_{xy}(44.8402, 0.3035, 0.2597)$

Have a look what the booklet for
Yxy(44.8402, 0.3035, 0.2597)
contains.

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Color

Yxy(44.9320, 0.3029, 0.2596)

Conversions

Conversions Part 1

Format	Color
Hex	D0A3DF
RGB	208, 163, 223
RGB Percent	82%, 64%, 87%
CMY	0.1844, 0.3607, 0.1255
CMYK	0.07, 0.27, 0.00, 0.13
HSL	285°, 48%, 76%
HSV	285°, 27%, 87%
XYZ	52.4264, 44.9320, 75.7232
YIQ	183.2950, 7.5600, 28.2000

Conversions

Conversions Part 2

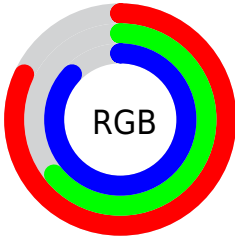
Format	Color
R _Y B	208, 163, 223
Decimal	13673439
CIE Lab	72.85, 27.09, -24.01
CIE LCh	73, 36.201, 318.450
Yxy	44.9320, 0.3029, 0.2596
Android (android.graphics.Color)	4291863519 (0xFFD0A3DF)
YUV	183.2950, 19.5746, 21.6663
Hunter-Lab	67.0313, 22.3033, -20.0561

Details

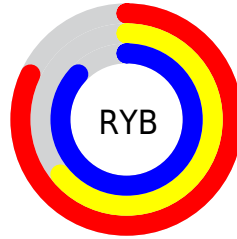
The Yxy color $44.9320, 0.3029, 0.2596$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $64.8896, 0.3196, 0.4037$, and the grayscale version is $47.4124, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6228, 0.3144, 0.2930$, and $20.9683, 0.2990, 0.2422$ is the 20% darker color. If you saturate the color by 10%, you get $36.9055, 0.2980, 0.2327$, and if you desaturate by 10%, it is $54.3871, 0.3071, 0.2863$.

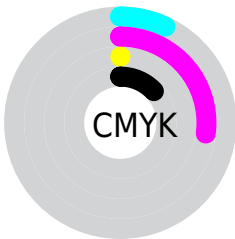
Distribution



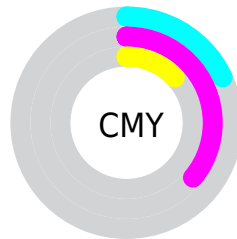
- Red (82%)
- Green (64%)
- Blue (87%)



- Red (82%)
- Yellow (64%)
- Blue (87%)



- Cyan (7%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)




- Cyan (18%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9320, 0.3029, 0.2596 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 44.9320, 0.3029, 0.2596 by changing the saturation by 10% instead.


 44.9320, 0.3029,
0.2596

 44.9320, 0.3029,
0.2596


366.4981, 0.3085,
0.2926

 31.4039, 0.3013,
0.2519


 82.6184, 0.3050,
0.2712

 20.9066, 0.2993,
0.2423

 107.5454, 0.3058,
0.2757

 13.0557, 0.2964,
0.2300


137.0408, 0.3065,
0.2795

 7.4669, 0.2922,
0.2138

171.4891, 0.3070,
0.2828

 3.7558, 0.2855,
0.1916

211.2745, 0.3074,
0.2857

 1.5379, 0.2740,
0.1596

256.7816, 0.3078,


 0.3152, 0.2586,


0.2883


0.0843


308.3946, 0.3082,
0.2906


 0.0000, 0.0000,
0.0000


 44.9320, 0.3029,
0.2596


 44.9320, 0.3029,
0.2596

 36.9055, 0.2980,
0.2327


 54.3871, 0.3071,
0.2863


 30.2282, 0.2924,
0.2064


 65.3333, 0.3106,
0.3120


 24.8217, 0.2863,
0.1819


 77.8362, 0.3136,
0.3364

 20.5970, 0.2797,
0.1604


 91.9560, 0.3159,
0.3589

 17.4535, 0.2730,
0.1428

 94.6626, 0.3193,
0.3613

 15.2733, 0.2662,
0.1297


 95.6324, 0.3228,
0.3610

 13.9041, 0.2596,
0.1214

 96.6323, 0.3264,
0.3606

 13.5644, 0.2576,
0.1192

 97.6625, 0.3300,
0.3603

 98.1079, 0.3315,
0.3601

Harmonies

Analogous

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



44.9320, 0.2573, 0.2478



44.9320, 0.3029, 0.2596



44.9320, 0.3552, 0.2865

Triad

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



44.9320, 0.3029, 0.2596



44.9320, 0.4023, 0.4001



44.9320, 0.2336, 0.3259

Complementary

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



44.9320, 0.3029, 0.2596



64.8896, 0.3196, 0.4037

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.



44.9320, 0.2678, 0.3771



44.9320, 0.3029, 0.2596



44.9320, 0.3652, 0.4208

Square

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



44.9320, 0.3029, 0.2596



44.9320, 0.4151, 0.3639



44.9320, 0.3157, 0.4140



44.9320, 0.2200, 0.2811

Rectangle

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



44.9320, 0.3029, 0.2596



44.9320, 0.3857, 0.3104



44.9320, 0.3157, 0.4140



44.9320, 0.2429, 0.3431

Sweetspot

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



44.9339, 0.3029, 0.2596



86.7124, 0.3103, 0.3091



45.3588, 0.2682, 0.2730



18.0581, 0.3098, 0.3053



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.



44.9339, 0.3029, 0.2596



54.8512, 0.3004, 0.2452



46.4899, 0.3278, 0.2768



13.7539, 0.3098, 0.3056



8.0313, 0.2585, 0.1198



0.5981, 0.2685, 0.1253

Inverse Universe

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



45.1016, 0.3562, 0.3115



55.1878, 0.3680, 0.3078



63.7393, 0.3006, 0.3875



13.7565, 0.3253, 0.3232



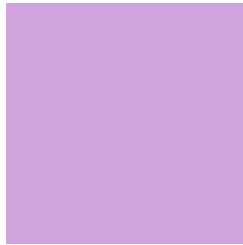
9.4064, 0.5921, 0.3035



0.6662, 0.5481, 0.2793

Previews

White Background



This preview shows how the Yxy color 44.9320, 0.3029, 0.2596 looks on a white background.

Color Contrast Check

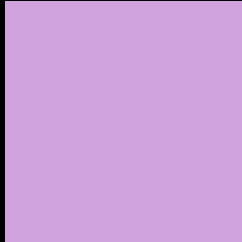
Large Text (above 18pt) WCAG AA × Fail

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 44.9320, 0.3029, 0.2596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

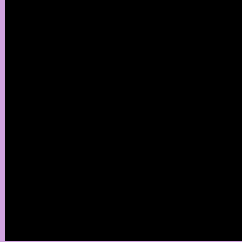
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9320, 0.3029, 0.2596

Background



This preview shows how black text looks on a background with the Yxy color 44.9320, 0.3029, 0.2596.



This preview shows how white text looks on a background with the Yxy color 44.9320, 0.3029, 0.2596.

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

44.9320, 0.3029, 0.2596

Protanopia

45.2200, 0.2623, 0.2593

Deuteranopia

44.9944, 0.2779, 0.2715



Tritanopia

44.7667, 0.3299, 0.3117

Trichromacy



Original Color

44.9320, 0.3029, 0.2596

Protanomaly

44.8655, 0.2761, 0.2596

Deuteranomaly

44.9645, 0.2864, 0.2669

Tritanomaly

44.5520, 0.3199, 0.2914

Monochromacy



Original Color

44.9320, 0.3029, 0.2596

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.3344, 0.3088, 0.3015

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9320, 0.3029, 0.2596 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(208, 163, 223)` looks like.

```
.text, #text, p{  
    color:rgb(208, 163, 223)  
}
```

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(208, 163, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 163, 223) }
```

Border

The CSS property to change the border of an element to Yxy 44.9320, 0.3029, 0.2596 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(208, 163, 223) }
```

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

```
.border{ border-color:rgb(208, 163, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 163, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 163, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 163, 223);  
box-shadow:4px 4px 4px 4px rgb(208, 163,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9320, 0.3029, 0.2596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 163, 223) }
```

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

```
.background{ background-color: rgb(208,  
163, 223) }
```

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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