

Converting Colors

$Yxy(45.8302, 0.3291, 0.2966)$

Have a look what the booklet for
Yxy(45.8302, 0.3291, 0.2966)
contains.

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Color

Yxy(45.9424, 0.3296, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	D4A8C3
RGB	212, 168, 195
RGB Percent	83%, 66%, 76%
CMY	0.1686, 0.3411, 0.2354
CMYK	0.00, 0.21, 0.08, 0.17
HSL	323°, 34%, 75%
HSV	323°, 21%, 83%
XYZ	51.0024, 45.9424, 57.7955
YIQ	184.2340, 17.5570, 17.7250

Conversions

Conversions Part 2

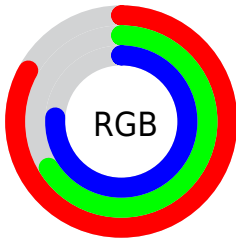
Format	Color
R_{YB}	212, 168, 195
Decimal	13936835
CIE _{Lab}	73.51, 20.50, -7.61
CIE _{LCh}	74, 21.863, 339.628
Yxy	45.9424, 0.3296, 0.2969
Android (android.graphics.Color)	4292126915 (0xFFD4A8C3)
YUV	184.2340, 5.3076, 24.3508
Hunter-Lab	67.7808, 15.6978, -3.1090

Details

The Yxy color $45.9424, 0.3296, 0.2969$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $58.9177, 0.2989, 0.3634$, and the grayscale version is $48.0323, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.0636, 0.3161, 0.3008$, and $21.5820, 0.3346, 0.2893$ is the 20% darker color. If you saturate the color by 10%, you get $38.3830, 0.3401, 0.2807$, and if you desaturate by 10%, it is $54.8023, 0.3207, 0.3128$.

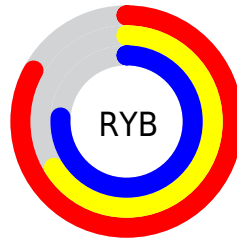
Distribution



Red (83%)

Green (66%)

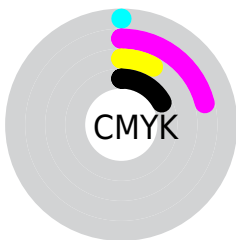
Blue (76%)



Red (83%)

Yellow (66%)

Blue (76%)

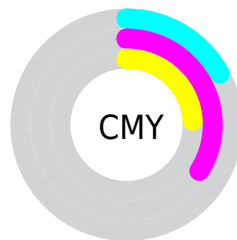


Cyan (0%)

Magenta (21%)

Yellow (8%)

Black (17%)



Cyan (17%)

Magenta (34%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.9424, 0.3296, 0.2969 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 45.9424, 0.3296, 0.2969 by changing the saturation by 10% instead.


 45.9424, 0.3296,
0.2969


 45.9424, 0.3296,
0.2969


370.5770, 0.3213,
0.3126

 32.2004, 0.3316,
0.2931


 84.1328, 0.3266,
0.3025

 21.5146, 0.3342,
0.2883


 109.3499, 0.3255,
0.3046

 13.5007, 0.3375,
0.2820


139.1609, 0.3246,
0.3065

 7.7742, 0.3421,
0.2734


173.9501, 0.3237,
0.3080

 3.9508, 0.3487,
0.2609

214.1019, 0.3230,
0.3094

 1.6461, 0.3592,
0.2414

260.0008, 0.3224,

 0.3884, 0.3930,

0.3106

0.1755

312.0310, 0.3218,
0.3116

0.0000, 0.0000,
0.0000

45.9424, 0.3296,
0.2969

45.9424, 0.3296,
0.2969

38.3830, 0.3401,
0.2807

54.8023, 0.3207,
0.3128

32.0560, 0.3523,
0.2648

65.0146, 0.3132,
0.3279

26.8962, 0.3663,
0.2498

76.6356, 0.3070,
0.3421

22.8299, 0.3819,
0.2369

89.7168, 0.3018,
0.3554

19.7750, 0.3988,
0.2272

91.5733, 0.2973,
0.3488

■ 17.6376, 0.4165,
0.2219

■ 92.0612, 0.2929,
0.3401

■ 16.3059, 0.4341,
0.2216

■ 92.5713, 0.2885,
0.3316

■ 15.6081, 0.4502,
0.2253

■ 92.7374, 0.2872,
0.3289

Harmonies

Analogous

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



45.9424, 0.2984, 0.2823



45.9424, 0.3296, 0.2969



45.9424, 0.3572, 0.3193

Triad

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



45.9424, 0.3296, 0.2969



45.9424, 0.3530, 0.3821



45.9424, 0.2564, 0.3084

Complementary

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



45.9424, 0.3296, 0.2969



58.9177, 0.2989, 0.3634

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.



45.9424, 0.2695, 0.3369



45.9424, 0.3296, 0.2969



45.9424, 0.3247, 0.3815

Square

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



45.9424, 0.3296, 0.2969



45.9424, 0.3708, 0.3679



45.9424, 0.2942, 0.3646



45.9424, 0.2574, 0.2875

Rectangle

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



45.9424, 0.3296, 0.2969



45.9424, 0.3692, 0.3363



45.9424, 0.2942, 0.3646



45.9424, 0.2592, 0.3174

Sweetspot

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



45.9444, 0.3296, 0.2969



90.2482, 0.3170, 0.3200



43.0599, 0.2919, 0.2741



19.0996, 0.3175, 0.3190



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.



45.9444, 0.3296, 0.2969



64.3625, 0.3341, 0.2896



45.0279, 0.3493, 0.3228



12.5475, 0.3196, 0.3148



9.6556, 0.4478, 0.2241



0.5984, 0.4201, 0.2088

Inverse Universe

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



45.9444, 0.3296, 0.2969



64.3625, 0.3341, 0.2896



59.9122, 0.2851, 0.3353



12.5475, 0.3196, 0.3148



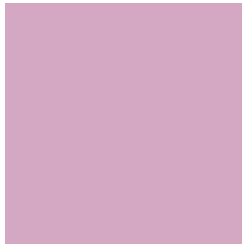
9.6556, 0.4478, 0.2241



0.5984, 0.4201, 0.2088

Previews

White Background



This preview shows how the Yxy color 45.9424, 0.3296, 0.2969 looks on a white background.

Color Contrast Check

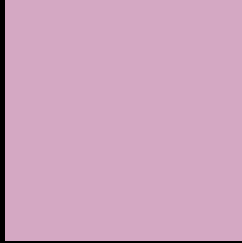
Large Text (above 18pt) WCAG AA × Fail

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 45.9424, 0.3296, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

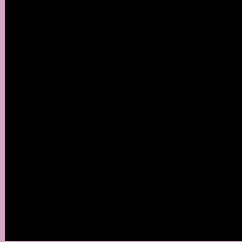
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9424, 0.3296, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 45.9424, 0.3296, 0.2969.



This preview shows how white text looks on a background with the Yxy color 45.9424, 0.3296, 0.2969.

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

45.9424, 0.3296, 0.2969

Protanopia

46.3718, 0.2941, 0.3008

Deuteranopia

46.2832, 0.3129, 0.3065



Tritanopia

45.8700, 0.3381, 0.3133

Trichromacy



Original Color

45.9424, 0.3296, 0.2969

Protanomaly

46.1213, 0.3064, 0.3002

Deuteranomaly

46.0615, 0.3192, 0.3032

Tritanomaly

45.8127, 0.3356, 0.3074

Monochromacy



Original Color

45.9424, 0.3296, 0.2969

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.9410, 0.3185, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9424, 0.3296, 0.2969 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(212, 168, 195)` looks like.

```
.text, #text, p{  
    color:rgb(212, 168, 195)  
}
```

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(212, 168, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 168, 195) }
```

Border

The CSS property to change the border of an element to Yxy 45.9424, 0.3296, 0.2969 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(212, 168, 195) }
```

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

```
.border{ border-color:rgb(212, 168, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 168, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 168, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 168, 195);  
box-shadow:4px 4px 4px 4px rgb(212, 168,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9424, 0.3296, 0.2969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 168, 195) }
```

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

```
.background{ background-color: rgb(212,  
168, 195) }
```

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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