

Converting Colors

Yxy(43.9688, 0.3392, 0.2851)

Have a look what the booklet for
Yxy(43.9688, 0.3392, 0.2851)
contains.

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Color

Yxy(43.9688, 0.3392, 0.2851)

Conversions

Conversions Part 1

Format	Color
Hex	DE9EC4
RGB	222, 158, 196
RGB Percent	87%, 62%, 77%
CMY	0.1294, 0.3804, 0.2315
CMYK	0.00, 0.29, 0.12, 0.13
HSL	324°, 49%, 75%
HSV	324°, 29%, 87%
XYZ	52.3122, 43.9688, 57.9413
YIQ	181.4680, 25.9460, 25.3860

Conversions

Conversions Part 2

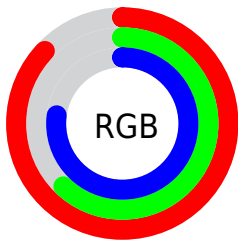
Format	Color
R _Y B	222, 158, 196
Decimal	14589636
CIE Lab	72.21, 29.55, -9.99
CIE LCh	72, 31.193, 341.323
Yxy	43.9688, 0.3392, 0.2851
Android (android.graphics.Color)	4292779716 (0xFFDE9EC4)
YUV	181.4680, 7.1643, 35.5466
Hunter-Lab	66.3090, 24.7809, -5.3918

Details

The Yxy color **43.9688, 0.3392, 0.2851** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.9734, 0.2930, 0.3776**, and the grayscale version is **46.4256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9403, 0.3160, 0.2899**, and **20.3681, 0.3468, 0.2742** is the 20% darker color. If you saturate the color by 10%, you get **36.6698, 0.3518, 0.2695**, and if you desaturate by 10%, it is **52.6644, 0.3285, 0.3008**.

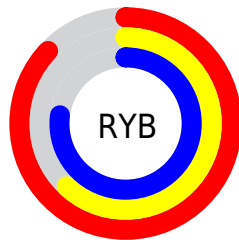
Distribution



Red (87%)

Green (62%)

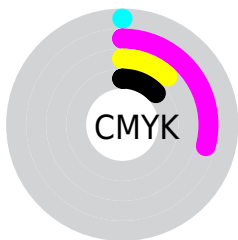
Blue (77%)



Red (87%)

Yellow (62%)

Blue (77%)

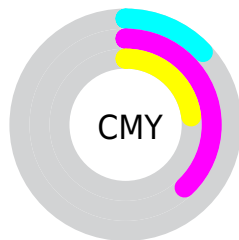


Cyan (0%)

Magenta (29%)

Yellow (12%)

Black (13%)



Cyan (13%)


Magenta (38%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9688, 0.3392, 0.2851 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 43.9688, 0.3392, 0.2851 by changing the saturation by 10% instead.


 43.9688, 0.3392,
0.2851


 43.9688, 0.3392,
0.2851

362.5809, 0.3262,
0.3065

 30.6460, 0.3424,
0.2799


 81.1708, 0.3345,
0.2927

 20.3294, 0.3464,
0.2734


 105.8188, 0.3328,
0.2956

 12.6347, 0.3517,
0.2649


135.0106, 0.3313,
0.2981

 7.1775, 0.3589,
0.2534

169.1306, 0.3300,
0.3002

 3.5734, 0.3693,
0.2368

208.5633, 0.3289,
0.3021

 1.4379, 0.3857,
0.2113

253.6929, 0.3279,

 0.2444, 0.4423,

0.3037

0.1128

304.9040, 0.3270,
0.3052

0.0000, 0.0000,
0.0000

43.9688, 0.3392,
0.2851

43.9688, 0.3392,
0.2851

36.6698, 0.3518,
0.2695

52.6644, 0.3285,
0.3008

30.6874, 0.3662,
0.2547

62.8193, 0.3195,
0.3161

25.9425, 0.3825,
0.2417

74.4994, 0.3119,
0.3307

22.3450, 0.4003,
0.2317

87.7649, 0.3056,
0.3443

19.7925, 0.4191,
0.2259

93.4069, 0.3004,
0.3431

■ 18.1640, 0.4381,
0.2252

■ 93.9602, 0.2955,
0.3339

■ 17.2737, 0.4566,
0.2295

■ 94.2693, 0.2929,
0.3289

■ 17.1879, 0.4588,
0.2301

Harmonies

Analogous

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



43.9688, 0.2940, 0.2641



43.9688, 0.3392, 0.2851



43.9688, 0.3792, 0.3163

Triad

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



43.9688, 0.3392, 0.2851



43.9688, 0.3679, 0.4064



43.9688, 0.2324, 0.2959

Complementary

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



43.9688, 0.3392, 0.2851



62.9734, 0.2930, 0.3776

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.



43.9688, 0.2493, 0.3373



43.9688, 0.3392, 0.2851



43.9688, 0.3265, 0.4059

Square

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



43.9688, 0.3392, 0.2851



43.9688, 0.3956, 0.3851



43.9688, 0.2831, 0.3797



43.9688, 0.2351, 0.2679

Rectangle

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



43.9688, 0.3392, 0.2851



43.9688, 0.3960, 0.3400



43.9688, 0.2831, 0.3797



43.9688, 0.2359, 0.3087

Sweetspot

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



43.9708, 0.3392, 0.2851



85.6348, 0.3197, 0.3157



39.8724, 0.2829, 0.2502



17.8672, 0.3209, 0.3135



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.



43.9708, 0.3392, 0.2851



53.5408, 0.3471, 0.2750



42.6813, 0.3698, 0.3215



13.8364, 0.3200, 0.3152



10.2320, 0.4562, 0.2287



0.7268, 0.4297, 0.2141

Inverse Universe

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



43.9708, 0.3392, 0.2851



53.5408, 0.3471, 0.2750



64.4487, 0.2747, 0.3368



13.8364, 0.3200, 0.3152



10.2320, 0.4562, 0.2287



0.7268, 0.4297, 0.2141

Previews

White Background



This preview shows how the Yxy color 43.9688, 0.3392, 0.2851 looks on a white background.

Color Contrast Check

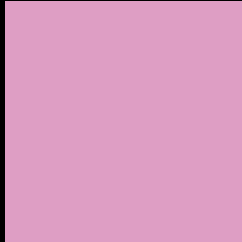
Large Text (above 18pt) WCAG AA × Fail

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 43.9688, 0.3392, 0.2851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

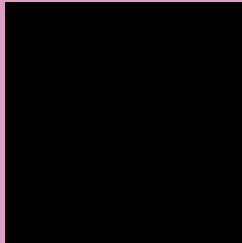
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9688, 0.3392, 0.2851

Background



This preview shows how black text looks on a background with the Yxy color 43.9688, 0.3392, 0.2851.



This preview shows how white text looks on a background with the Yxy color 43.9688, 0.3392, 0.2851.

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

43.9688, 0.3392, 0.2851

Protanopia

44.2627, 0.2840, 0.2876

Deuteranopia

43.9201, 0.3087, 0.3022



Tritanopia

43.9567, 0.3565, 0.3148

Trichromacy



Original Color

43.9688, 0.3392, 0.2851

Protanomaly

43.6827, 0.3025, 0.2853

Deuteranomaly

43.8118, 0.3197, 0.2957

Tritanomaly

44.0828, 0.3500, 0.3043

Monochromacy



Original Color

43.9688, 0.3392, 0.2851

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.1681, 0.3224, 0.3127

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9688, 0.3392, 0.2851 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(222, 158, 196)` looks like.

```
.text, #text, p{  
    color:rgb(222, 158, 196)  
}
```

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(222, 158, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 158, 196) }
```

Border

The CSS property to change the border of an element to Yxy 43.9688, 0.3392, 0.2851 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(222, 158, 196) }
```

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

```
.border{ border-color:rgb(222, 158, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 158, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 158, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 158, 196);  
box-shadow:4px 4px 4px 4px rgb(222, 158,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9688, 0.3392, 0.2851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 158, 196) }
```

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

```
.background{ background-color: rgb(222,  
158, 196) }
```

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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