

Converting Colors

$Yxy(43.9041, 0.3571, 0.3199)$

Have a look what the booklet for
Yxy(43.9041, 0.3571, 0.3199)
contains.

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Color

Yxy(43.8864, 0.3572, 0.3195)

Conversions

Conversions Part 1

Format	Color
Hex	D9A3AB
RGB	217, 163, 171
RGB Percent	85%, 64%, 67%
CMY	0.1490, 0.3608, 0.3294
CMYK	0.00, 0.25, 0.21, 0.15
HSL	351°, 42%, 75%
HSV	351°, 25%, 85%
XYZ	49.0649, 43.8864, 44.4084
YIQ	180.0580, 29.6160, 13.9360

Conversions

Conversions Part 2

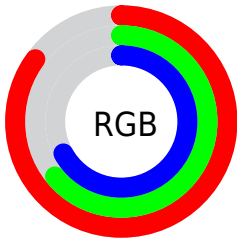
Format	Color
R _Y B	217, 163, 171
Decimal	14263211
CIE Lab	72.15, 21.13, 3.67
CIE LCh	72, 21.443, 9.848
Yxy	43.8864, 0.3572, 0.3195
Android (android.graphics.Color)	4292453291 (0xFFD9A3AB)
YUV	180.0580, -4.4656, 32.3981
Hunter-Lab	66.2468, 16.2718, 6.6279

Details

The Yxy color **43.8864, 0.3572, 0.3195** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.0228, 0.2810, 0.3388**, and the grayscale version is **45.6883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8938, 0.3342, 0.3210**, and **20.2779, 0.3699, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **36.1754, 0.3828, 0.3155**, and if you desaturate by 10%, it is **53.0223, 0.3364, 0.3235**.

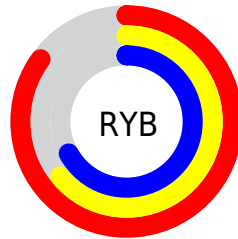
Distribution



Red (85%)

Green (64%)

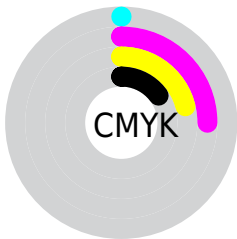
Blue (67%)



Red (85%)

Yellow (64%)

Blue (67%)

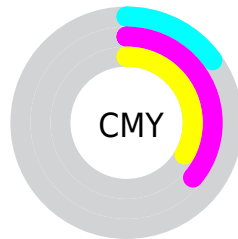


Cyan (0%)

Magenta (25%)

Yellow (21%)

Black (15%)



Cyan (15%)

Magenta (36%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8864, 0.3572, 0.3195 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 43.8864, 0.3572, 0.3195 by changing the saturation by 10% instead.


 43.8864, 0.3572,
0.3195

 43.8864, 0.3572,
0.3195


362.2445, 0.3346,
0.3245

 30.5812, 0.3629,
0.3182


 81.0468, 0.3489,
0.3214

 20.2802, 0.3704,
0.3164

 105.6708, 0.3458,
0.3221

 12.5989, 0.3804,
0.3139


134.8364, 0.3432,
0.3227

 7.1529, 0.3945,
0.3104

168.9283, 0.3410,
0.3231

 3.5579, 0.4161,
0.3046

208.3306, 0.3391,
0.3236

 1.4295, 0.4527,
0.2942

253.4278, 0.3374,

 0.2383, 0.7546,

0.3239

0.2423

304.6043, 0.3359,
0.3242

0.0000, 0.0000,
0.0000

43.8864, 0.3572,
0.3195

43.8864, 0.3572,
0.3195

36.1754, 0.3828,
0.3155

53.0223, 0.3364,
0.3235

29.8118, 0.4140,
0.3117

63.6436, 0.3197,
0.3273

24.7196, 0.4509,
0.3087

75.8146, 0.3062,
0.3308

20.8132, 0.4925,
0.3071

89.5941, 0.2953,
0.3340

17.9960, 0.5362,
0.3077

93.4935, 0.2900,
0.3289

■ 16.1566, 0.5770,
0.3110

■ 15.1590, 0.6092,
0.3168

■ 14.8583, 0.6216,
0.3198

Harmonies

Analogous

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



43.8864, 0.3298, 0.2972



43.8864, 0.3572, 0.3195



43.8864, 0.3724, 0.3450

Triad

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



43.8864, 0.3572, 0.3195



43.8864, 0.3245, 0.3812



43.8864, 0.2577, 0.2876

Complementary

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



43.8864, 0.3572, 0.3195



62.0228, 0.2810, 0.3388

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.



43.8864, 0.2565, 0.3083



43.8864, 0.3572, 0.3195



43.8864, 0.2941, 0.3643

Square

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



43.8864, 0.3572, 0.3195



43.8864, 0.3526, 0.3819



43.8864, 0.2695, 0.3367



43.8864, 0.2727, 0.2788

Rectangle

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



43.8864, 0.3572, 0.3195



43.8864, 0.3731, 0.3609



43.8864, 0.2695, 0.3367



43.8864, 0.2557, 0.2933

Sweetspot

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



43.8884, 0.3572, 0.3195



88.1941, 0.3230, 0.3265



44.7475, 0.3085, 0.2660



18.6704, 0.3240, 0.3262



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.



43.8884, 0.3572, 0.3195



57.0099, 0.3704, 0.3173



50.8149, 0.3595, 0.3517



13.0828, 0.3268, 0.3256



9.0029, 0.6190, 0.3184



0.5934, 0.5793, 0.2965

Inverse Universe

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



43.8884, 0.3572, 0.3195



57.0099, 0.3704, 0.3173



53.2346, 0.2742, 0.3051



13.0828, 0.3268, 0.3256



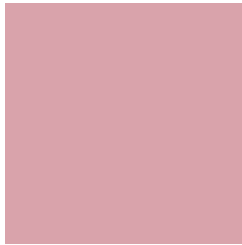
9.0029, 0.6190, 0.3184



0.5934, 0.5793, 0.2965

Previews

White Background



This preview shows how the Yxy color 43.8864, 0.3572, 0.3195 looks on a white background.

Color Contrast Check

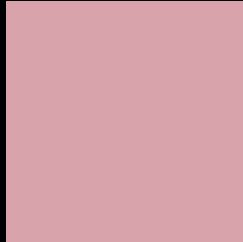
Large Text (above 18pt) WCAG AA × Fail

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 43.8864, 0.3572, 0.3195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

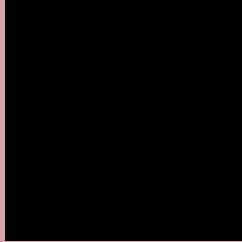
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8864, 0.3572, 0.3195

Background



This preview shows how black text looks on a background with the Yxy color 43.8864, 0.3572, 0.3195.



This preview shows how white text looks on a background with the Yxy color 43.8864, 0.3572, 0.3195.

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

43.8864, 0.3572, 0.3195

Protanopia

44.0086, 0.3138, 0.3250

Deuteranopia

43.8607, 0.3384, 0.3316



Tritanopia

43.6875, 0.3536, 0.3135

Trichromacy



Original Color

43.8864, 0.3572, 0.3195

Protanomaly

43.5979, 0.3285, 0.3226

Deuteranomaly

43.7449, 0.3446, 0.3266

Tritanomaly

43.6484, 0.3545, 0.3147

Monochromacy



Original Color

43.8864, 0.3572, 0.3195

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.7839, 0.3272, 0.3252

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8864, 0.3572, 0.3195 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(217, 163, 171)` looks like.

```
.text, #text, p{  
    color:rgb(217, 163, 171)  
}
```

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(217, 163, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 163, 171) }
```

Border

The CSS property to change the border of an element to Yxy 43.8864, 0.3572, 0.3195 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(217, 163, 171) }
```

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

```
.border{ border-color:rgb(217, 163, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 163, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 163, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 163, 171);  
box-shadow:4px 4px 4px 4px rgb(217, 163,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8864, 0.3572, 0.3195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 163, 171) }
```

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

```
.background{ background-color: rgb(217,  
163, 171) }
```

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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