

Converting Colors

$Yxy(43.0856, 0.3425, 0.2913)$

Have a look what the booklet for
Yxy(43.0856, 0.3425, 0.2913)
contains.

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Color

Yxy(43.2315, 0.3420, 0.2914)

Conversions

Conversions Part 1

Format	Color
Hex	DB9EBE
RGB	219, 158, 190
RGB Percent	86%, 62%, 75%
CMY	0.1411, 0.3804, 0.2549
CMYK	0.00, 0.28, 0.13, 0.14
HSL	329°, 46%, 74%
HSV	329°, 28%, 86%
XYZ	50.7384, 43.2315, 54.3880
YIQ	179.8870, 26.0840, 22.8840

Conversions

Conversions Part 2

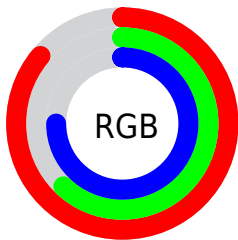
Format	Color
R _Y B	219, 158, 190
Decimal	14393022
CIE Lab	71.71, 27.54, -7.46
CIE LCh	72, 28.529, 344.840
Yxy	43.2315, 0.3420, 0.2914
Android (android.graphics.Color)	4292583102 (0xFFDB9EBE)
YUV	179.8870, 4.9857, 34.3021
Hunter-Lab	65.7507, 22.6810, -3.0184

Details

The Yxy color **43.2315, 0.3420, 0.2914** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.5287, 0.2911, 0.3700**, and the grayscale version is **45.5419, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5023, 0.3207, 0.2965**, and **19.9007, 0.3495, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **35.9767, 0.3565, 0.2774**, and if you desaturate by 10%, it is **51.8542, 0.3298, 0.3054**.

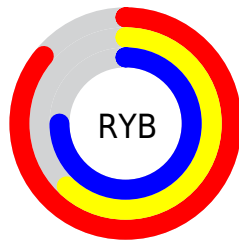
Distribution



Red (86%)

Green (62%)

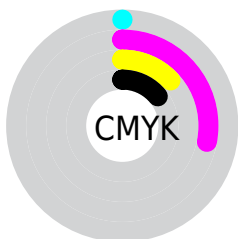
Blue (75%)



Red (86%)

Yellow (62%)

Blue (75%)

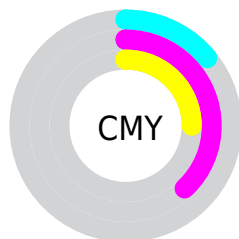


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (14%)



Cyan (14%)


Magenta (38%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.2315, 0.3420, 0.2914 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 43.2315, 0.3420, 0.2914 by changing the saturation by 10% instead.

 43.2315, 0.3420,
0.2914


 43.2315, 0.3420,
0.2914


359.5629, 0.3275,
0.3099

 30.0668, 0.3456,
0.2869

 80.0601, 0.3367,
0.2980

 19.8893, 0.3502,
0.2811


 104.4928, 0.3348,
0.3006

 12.3146, 0.3563,
0.2736


133.4502, 0.3331,
0.3027

 6.9583, 0.3648,
0.2633

167.3168, 0.3316,
0.3045

 3.4360, 0.3773,
0.2482

206.4770, 0.3304,
0.3061

 1.3634, 0.3976,
0.2245

251.3152, 0.3293,

 0.1895, 0.4816,

0.3075

0.1071

302.2157, 0.3283,
0.3088

0.0000, 0.0000,
0.0000

43.2315, 0.3420,
0.2914

43.2315, 0.3420,
0.2914

35.9767, 0.3565,
0.2774

51.8542, 0.3298,
0.3054

30.0124, 0.3735,
0.2641

61.9050, 0.3195,
0.3189

25.2628, 0.3928,
0.2524

73.4477, 0.3110,
0.3317

21.6413, 0.4143,
0.2436

86.5404, 0.3040,
0.3436

19.0500, 0.4371,
0.2388

92.9977, 0.2981,
0.3422

■ 17.3738, 0.4604,
0.2390

■ 93.6416, 0.2925,
0.3315

■ 16.4514, 0.4830,
0.2446

■ 93.8026, 0.2912,
0.3289

■ 16.2978, 0.4878,
0.2461

Harmonies

Analogous

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



43.2315, 0.3003, 0.2705



43.2315, 0.3420, 0.2914



43.2315, 0.3772, 0.3213

Triad

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



43.2315, 0.3420, 0.2914



43.2315, 0.3598, 0.4013



43.2315, 0.2378, 0.2950

Complementary

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



43.2315, 0.3420, 0.2914



61.5287, 0.2911, 0.3700

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.



43.2315, 0.2514, 0.3320



43.2315, 0.3420, 0.2914



43.2315, 0.3208, 0.3977

Square

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



43.2315, 0.3420, 0.2914



43.2315, 0.3871, 0.3841



43.2315, 0.2813, 0.3713



43.2315, 0.2424, 0.2707

Rectangle

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



43.2315, 0.3420, 0.2914



43.2315, 0.3909, 0.3435



43.2315, 0.2813, 0.3713



43.2315, 0.2403, 0.3063

Sweetspot

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



43.2335, 0.3420, 0.2914



87.0588, 0.3197, 0.3186



40.0667, 0.2875, 0.2539



18.1463, 0.3212, 0.3166



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.



43.2335, 0.3420, 0.2914



55.2350, 0.3496, 0.2838



42.0547, 0.3713, 0.3267



13.1651, 0.3210, 0.3168



9.6845, 0.4846, 0.2443



0.6448, 0.4507, 0.2256

Inverse Universe

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



43.2335, 0.3420, 0.2914



55.2350, 0.3496, 0.2838



62.9493, 0.2735, 0.3314



13.1651, 0.3210, 0.3168



9.6845, 0.4846, 0.2443



0.6448, 0.4507, 0.2256

Previews

White Background



This preview shows how the Yxy color 43.2315, 0.3420, 0.2914 looks on a white background.

Color Contrast Check

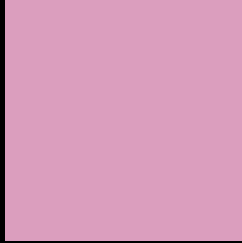
Large Text (above 18pt) WCAG AA × Fail

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 43.2315, 0.3420, 0.2914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

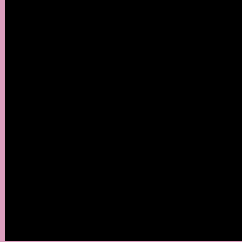
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2315, 0.3420, 0.2914

Background



This preview shows how black text looks on a background with the Yxy color 43.2315, 0.3420, 0.2914.



This preview shows how white text looks on a background with the Yxy color 43.2315, 0.3420, 0.2914.

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

43.2315, 0.3420, 0.2914

Protanopia

43.6476, 0.2899, 0.2950

Deuteranopia

43.4480, 0.3137, 0.3072



Tritanopia

43.2586, 0.3557, 0.3147

Trichromacy



Original Color

43.2315, 0.3420, 0.2914

Protanomaly

43.2260, 0.3073, 0.2935

Deuteranomaly

43.0887, 0.3232, 0.3003

Tritanomaly

43.3017, 0.3511, 0.3064

Monochromacy



Original Color

43.2315, 0.3420, 0.2914

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.4351, 0.3224, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2315, 0.3420, 0.2914 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(219, 158, 190)` looks like.

```
.text, #text, p{  
    color:rgb(219, 158, 190)  
}
```

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(219, 158, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 158, 190) }
```

Border

The CSS property to change the border of an element to Yxy 43.2315, 0.3420, 0.2914 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(219, 158, 190) }
```

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

```
.border{ border-color:rgb(219, 158, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 158, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 158, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 158, 190);  
box-shadow:4px 4px 4px 4px rgb(219, 158,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2315, 0.3420, 0.2914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 158, 190) }
```

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

```
.background{ background-color: rgb(219,  
158, 190) }
```

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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