

Converting Colors

Yxy(43.3101, 0.3143, 0.2534)

Have a look what the booklet for
Yxy(43.3101, 0.3143, 0.2534)
contains.

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Color

Yxy(43.3917, 0.3144, 0.2535)

Conversions

Conversions Part 1

Format	Color
Hex	DB9ADD
RGB	219, 154, 221
RGB Percent	86%, 60%, 87%
CMY	0.1413, 0.3960, 0.1332
CMYK	0.01, 0.30, 0.00, 0.13
HSL	298°, 50%, 74%
HSV	298°, 30%, 87%
XYZ	53.8160, 43.3917, 73.9627
YIQ	181.0730, 17.2330, 34.6170

Conversions

Conversions Part 2

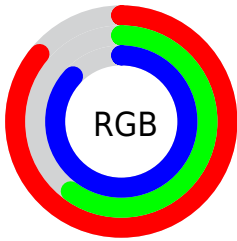
Format	Color
R _Y B	219, 154, 221
Decimal	14392029
CIE Lab	71.82, 35.11, -24.40
CIE LCh	72, 42.755, 325.205
Yxy	43.3917, 0.3144, 0.2535
Android (android.graphics.Color)	4292582109 (0xFFDB9ADD)
YUV	181.0730, 19.6840, 33.2620
Hunter-Lab	65.8724, 30.5531, -20.4613

Details

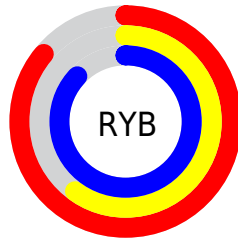
The Yxy color **43.3917, 0.3144, 0.2535** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **61.1347, 0.3100, 0.4172**, and the grayscale version is **46.1355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0809, 0.3148, 0.2841**, and **20.0424, 0.3134, 0.2349** is the 20% darker color. If you saturate the color by 10%, you get **36.6514, 0.3147, 0.2294**, and if you desaturate by 10%, it is **51.4795, 0.3139, 0.2786**.

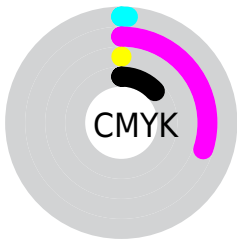
Distribution



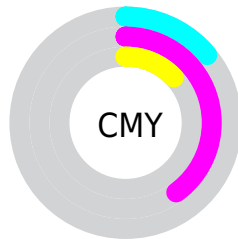
- Red (86%)
- Green (60%)
- Blue (87%)



- Red (86%)
- Yellow (60%)
- Blue (87%)



- Cyan (1%)
- Magenta (30%)
- Yellow (0%)
- Black (13%)




- Cyan (14%)
- Magenta (40%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3917, 0.3144, 0.2535 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 43.3917, 0.3144, 0.2535 by changing the saturation by 10% instead.


 43.3917, 0.3144,
0.2535


 43.3917, 0.3144,
0.2535

360.2202, 0.3145,
0.2893

 30.1926, 0.3141,
0.2452


 80.3016, 0.3146,
0.2660

 19.9848, 0.3137,
0.2348


 104.7812, 0.3146,
0.2709

 12.3840, 0.3129,
0.2217


133.7897, 0.3146,
0.2750

 7.0058, 0.3114,
0.2044

167.7116, 0.3146,
0.2786

 3.4657, 0.3085,
0.1808

206.9311, 0.3146,
0.2818

 1.3794, 0.3023,
0.1472

251.8328, 0.3145,


 0.2015, 0.3005,


0.2846

0.0568

302.8010, 0.3145,
0.2870


 0.0000, 0.0000,
0.0000

 43.3917, 0.3144,
0.2535

 43.3917, 0.3144,
0.2535


 36.6514, 0.3147,
0.2294


 51.4795, 0.3139,
0.2786


 31.1790, 0.3149,
0.2071


 60.9773, 0.3134,
0.3037

 26.8956, 0.3150,
0.1878

 71.9505, 0.3127,
0.3282

 23.7109, 0.3148,
0.1721

 84.4589, 0.3121,
0.3516

 21.5219, 0.3144,
0.1606

 92.3282, 0.3119,
0.3643

■ 20.2058, 0.3138,
0.1534

■ 92.4356, 0.3123,
0.3642

■ 19.5556, 0.3132,
0.1499

■ 92.5435, 0.3127,
0.3642

■ 92.6518, 0.3131,
0.3641

■ 92.7605, 0.3136,
0.3641

Harmonies

Analogous

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



43.3917, 0.2575, 0.2353



43.3917, 0.3144, 0.2535



43.3917, 0.3765, 0.2876

Triad

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



43.3917, 0.3144, 0.2535



43.3917, 0.4105, 0.4199



43.3917, 0.2137, 0.3107

Complementary

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



43.3917, 0.3144, 0.2535



61.1347, 0.3100, 0.4172

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.



43.3917, 0.2481, 0.3734



43.3917, 0.3144, 0.2535



43.3917, 0.3613, 0.4407

Square

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



43.3917, 0.3144, 0.2535



43.3917, 0.4343, 0.3788



43.3917, 0.3017, 0.4251



43.3917, 0.2041, 0.2622

Rectangle

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



43.3917, 0.3144, 0.2535



43.3917, 0.4101, 0.3164



43.3917, 0.3017, 0.4251



43.3917, 0.2225, 0.3310

Sweetspot

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



43.3936, 0.3144, 0.2535



86.0882, 0.3133, 0.3068



35.9538, 0.2596, 0.2436



17.9793, 0.3134, 0.3032



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.



43.3936, 0.3144, 0.2535



54.2156, 0.3146, 0.2389



42.1993, 0.3448, 0.2873



13.2534, 0.3133, 0.3059



11.3667, 0.3133, 0.1500



0.7429, 0.3146, 0.1507

Inverse Universe

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



40.8950, 0.3786, 0.3267



50.2792, 0.3975, 0.3263



62.1127, 0.2897, 0.3751



13.0580, 0.3287, 0.3283



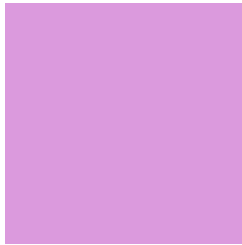
8.9416, 0.6366, 0.3280



0.5816, 0.6261, 0.3223

Previews

White Background



This preview shows how the Yxy color 43.3917, 0.3144, 0.2535 looks on a white background.

Color Contrast Check

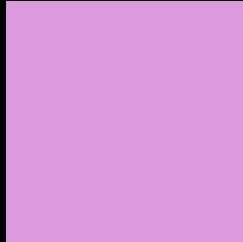
Large Text (above 18pt) WCAG AA × Fail

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 43.3917, 0.3144, 0.2535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

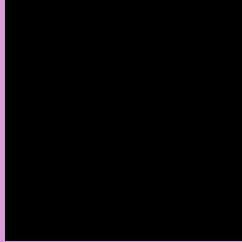
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3917, 0.3144, 0.2535

Background



This preview shows how black text looks on a background with the Yxy color 43.3917, 0.3144, 0.2535.



This preview shows how white text looks on a background with the Yxy color 43.3917, 0.3144, 0.2535.

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

43.3917, 0.3144, 0.2535

Protanopia

43.6992, 0.2566, 0.2516

Deuteranopia

43.8333, 0.2783, 0.2721



Tritanopia

43.4357, 0.3495, 0.3145

Trichromacy



Original Color

43.3917, 0.3144, 0.2535



Protanomaly

43.2307, 0.2750, 0.2514



Deuteranomaly

43.3341, 0.2908, 0.2645



Tritanomaly

43.3945, 0.3361, 0.2910

Monochromacy



Original Color

43.3917, 0.3144, 0.2535



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.7134, 0.3133, 0.2978

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3917, 0.3144, 0.2535 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, 154, 221)` looks like.

```
.text, #text, p{  
    color:rgb(219, 154, 221)  
}
```

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, 154, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 154, 221) }
```

Border

The CSS property to change the border of an element to Yxy 43.3917, 0.3144, 0.2535 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, 154, 221) }
```

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

```
.border{ border-color:rgb(219, 154, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 154, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 154, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 154, 221);  
box-shadow:4px 4px 4px 4px rgb(219, 154,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3917, 0.3144, 0.2535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 154, 221) }
```

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

```
.background{ background-color: rgb(219,  
154, 221) }
```

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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