

Converting Colors

$Y_{xy}(50.7632, 0.3013, 0.2614)$

Have a look what the booklet for
Yxy(50.7632, 0.3013, 0.2614)
contains.

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Color

Yxy(50.5794, 0.3018, 0.2614)

Conversions

Conversions Part 1

Format	Color
Hex	D9ADEA
RGB	217, 173, 234
RGB Percent	85%, 68%, 92%
CMY	0.1492, 0.3215, 0.0824
CMYK	0.07, 0.26, 0.00, 0.08
HSL	283°, 59%, 80%
HSV	283°, 26%, 92%
XYZ	58.3966, 50.5794, 84.5183
YIQ	193.1100, 6.6430, 28.2990

Conversions

Conversions Part 2

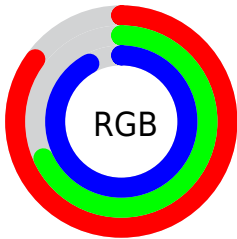
Format	Color
R _Y B	217, 173, 234
Decimal	14265834
CIE Lab	76.42, 26.69, -24.46
CIE LCh	76, 36.196, 317.497
Yxy	50.5794, 0.3018, 0.2614
Android (android.graphics.Color)	4292455914 (0xFFD9ADEA)
YUV	193.1100, 20.1588, 20.9515
Hunter-Lab	71.1192, 22.1093, -20.6770

Details

The Yxy color **50.5794, 0.3018, 0.2614** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **72.8144, 0.3206, 0.4010**, and the grayscale version is **53.2718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **24.3287, 0.2988, 0.2452** is the 20% darker color. If you saturate the color by 10%, you get **41.3957, 0.2962, 0.2341**, and if you desaturate by 10%, it is **61.3786, 0.3066, 0.2883**.

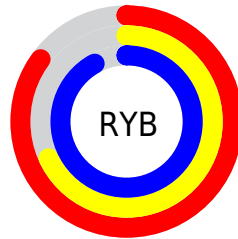
Distribution



Red (85%)

Green (68%)

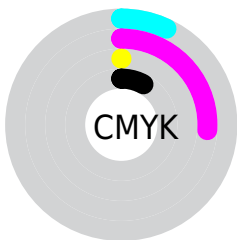
Blue (92%)



Red (85%)

Yellow (68%)

Blue (92%)

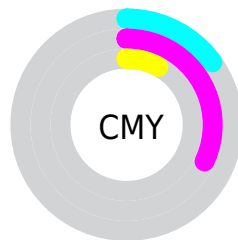


Cyan (7%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (15%)


Magenta (32%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.5794, 0.3018, 0.2614 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 50.5794, 0.3018, 0.2614 by changing the saturation by 10% instead.


 50.5794, 0.3018,
0.2614

 50.5794, 0.3018,
0.2614


388.9274, 0.3078,
0.2929

 35.8740, 0.3002,
0.2542


 91.0328, 0.3040,
0.2724

 24.3369, 0.2981,
0.2452


117.5495, 0.3049,
0.2766

 15.5837, 0.2953,
0.2339


148.7721, 0.3056,
0.2803

 9.2301, 0.2912,
0.2192

185.0850, 0.3061,
0.2835

 4.8915, 0.2851,
0.1993

226.8726, 0.3066,
0.2863

 2.1838, 0.2749,
0.1712

274.5193, 0.3071,

 0.7111, 0.2566,

0.2888

0.1279

328.4094, 0.3074,
0.2910

0.0000, 0.1731,
0.0000

0.0000, 0.0000,
0.0000

50.5794, 0.3018,
0.2614

50.5794, 0.3018,
0.2614

41.3957, 0.2962,
0.2341

61.3786, 0.3066,
0.2883

33.7387, 0.2900,
0.2072

73.8633, 0.3106,
0.3141

27.5206, 0.2830,
0.1820

88.1071, 0.3140,
0.3384

22.6422, 0.2756,
0.1596

96.5348, 0.3174,
0.3498

■ 18.9912, 0.2680,
0.1410

■ 97.7203, 0.3216,
0.3495

■ 16.4364, 0.2603,
0.1271

■ 98.7199, 0.3250,
0.3493

■ 14.8156, 0.2530,
0.1179

■ 14.3276, 0.2501,
0.1152

Harmonies

Analogous

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



50.5794, 0.2582, 0.2505



50.5794, 0.3018, 0.2614



50.5794, 0.3520, 0.2870

Triad

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



50.5794, 0.3018, 0.2614



50.5794, 0.3997, 0.3967



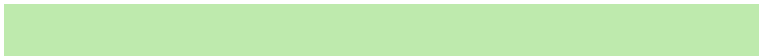
50.5794, 0.2373, 0.3277

Complementary

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



50.5794, 0.3018, 0.2614



72.8144, 0.3206, 0.4010

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.



50.5794, 0.2709, 0.3766



50.5794, 0.3018, 0.2614



50.5794, 0.3647, 0.4170

Square

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



50.5794, 0.3018, 0.2614



50.5794, 0.4111, 0.3617



50.5794, 0.3174, 0.4111



50.5794, 0.2234, 0.2842

Rectangle

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



50.5794, 0.3018, 0.2614



50.5794, 0.3816, 0.3100



50.5794, 0.3174, 0.4111



50.5794, 0.2465, 0.3443

Sweetspot

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



50.5816, 0.3018, 0.2614



86.6021, 0.3099, 0.3091



51.7849, 0.2697, 0.2762



18.0302, 0.3093, 0.3053



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.



50.5816, 0.3018, 0.2614



55.5578, 0.2991, 0.2475



52.5976, 0.3264, 0.2774



15.0899, 0.3093, 0.3055



8.1183, 0.2513, 0.1158



0.6853, 0.2612, 0.1213

Inverse Universe

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



51.1097, 0.3529, 0.3100



56.3706, 0.3636, 0.3061



71.2825, 0.3015, 0.3869



15.1233, 0.3249, 0.3224



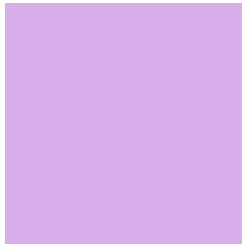
10.0655, 0.5830, 0.2985



0.8063, 0.5436, 0.2768

Previews

White Background



This preview shows how the Yxy color 50.5794, 0.3018, 0.2614 looks on a white background.

Color Contrast Check

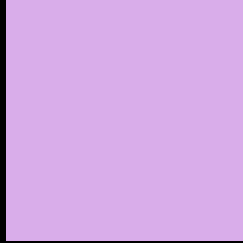
Large Text (above 18pt) WCAG AA × Fail

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 50.5794, 0.3018, 0.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

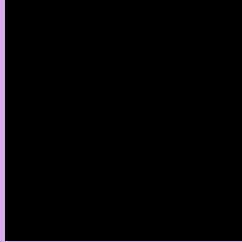
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5794, 0.3018, 0.2614

Background



This preview shows how black text looks on a background with the Yxy color 50.5794, 0.3018, 0.2614.



This preview shows how white text looks on a background with the Yxy color 50.5794, 0.3018, 0.2614.

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

50.5794, 0.3018, 0.2614

Protanopia

51.0710, 0.2639, 0.2614

Deuteranopia

50.8384, 0.2789, 0.2731



Tritanopia

50.3864, 0.3281, 0.3124

Trichromacy



Original Color

50.5794, 0.3018, 0.2614

Protanomaly

50.6943, 0.2771, 0.2616

Deuteranomaly

50.8013, 0.2869, 0.2687

Tritanomaly

50.1939, 0.3179, 0.2918

Monochromacy



Original Color

50.5794, 0.3018, 0.2614

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.2284, 0.3090, 0.3028

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5794, 0.3018, 0.2614 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, 173, 234)` looks like.

```
.text, #text, p{  
    color:rgb(217, 173, 234)  
}
```

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, 173, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 173, 234) }
```

Border

The CSS property to change the border of an element to Yxy 50.5794, 0.3018, 0.2614 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, 173, 234) }
```

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

```
.border{ border-color:rgb(217, 173, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 173, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 173, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 173, 234);  
box-shadow:4px 4px 4px 4px rgb(217, 173,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5794, 0.3018, 0.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 173, 234) }
```

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

```
.background{ background-color: rgb(217,  
173, 234) }
```

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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