

Converting Colors

Yxy(58.4074, 0.3121, 0.2964)

Have a look what the booklet for
Yxy(58.4074, 0.3121, 0.2964)
contains.

Yxy(58.4739, 0.3119, 0.2967)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.4739, 0.3119, 0.2967)

Conversions

Conversions Part 1

Format	Color
Hex	DBC1DE
RGB	219, 193, 222
RGB Percent	86%, 76%, 87%
CMY	0.1411, 0.2431, 0.1295
CMYK	0.01, 0.13, 0.00, 0.13
HSL	294°, 30%, 81%
HSV	294°, 13%, 87%
XYZ	61.4695, 58.4739, 77.1375
YIQ	204.0800, 6.1870, 14.5310

Conversions

Conversions Part 2

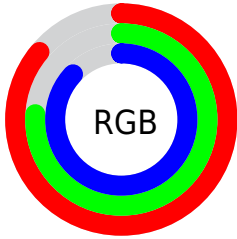
Format	Color
R _Y B	219, 193, 222
Decimal	14402014
CIE Lab	81.00, 14.28, -11.05
CIE LCh	81, 18.056, 322.275
Yxy	58.4739, 0.3119, 0.2967
Android (android.graphics.Color)	4292592094 (0xFFDBC1DE)
YUV	204.0800, 8.8346, 13.0848
Hunter-Lab	76.4682, 9.6691, -6.2811

Details

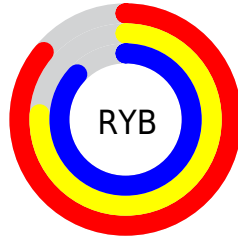
The Yxy color **58.4739, 0.3119, 0.2967** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.8115, 0.3132, 0.3631**, and the grayscale version is **60.3789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8512, 0.3129, 0.3242**, and **29.1478, 0.3115, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **49.0383, 0.3110, 0.2711**, and if you desaturate by 10%, it is **69.3923, 0.3126, 0.3216**.

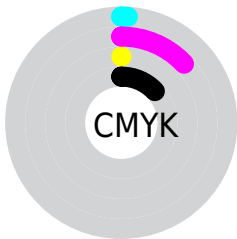
Distribution



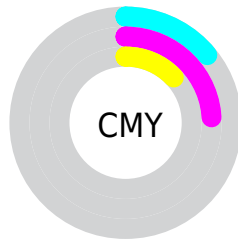
- Red (86%)
- Green (76%)
- Blue (87%)



- Red (86%)
- Yellow (76%)
- Blue (87%)



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




- Cyan (14%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4739, 0.3119, 0.2967 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 58.4739, 0.3119, 0.2967 by changing the saturation by 10% instead.


 58.4739, 0.3119,
0.2967

 58.4739, 0.3119,
0.2967

418.9495, 0.3125,
0.3119

 42.1898, 0.3117,
0.2932


 102.6126, 0.3121,
0.3020

 29.2499, 0.3115,
0.2888


131.2360, 0.3122,
0.3041

 19.2700, 0.3112,
0.2832

164.7413, 0.3123,
0.3058

 11.8655, 0.3106,
0.2759

203.5128, 0.3123,
0.3073

 6.6522, 0.3098,
0.2657

247.9350, 0.3124,
0.3087

 3.2455, 0.3083,
0.2508


298.3923, 0.3124,

 1.2612, 0.3052,


0.3099


0.2269


355.2689, 0.3124,
0.3109

 0.1109, 0.3114,
0.0760


 0.0000, 0.0000,
0.0000

 58.4739, 0.3119,
0.2967


 58.4739, 0.3119,
0.2967


 49.0383, 0.3110,
0.2711


 69.3923, 0.3126,
0.3216

 41.0125, 0.3098,
0.2455

 81.8472, 0.3130,
0.3453

 34.3287, 0.3082,
0.2209

 92.9322, 0.3135,
0.3630

 28.9105, 0.3064,
0.1981

 93.3007, 0.3149,
0.3629

■ 24.6736, 0.3043,
0.1782

■ 93.6740, 0.3163,
0.3628

■ 21.5239, 0.3020,
0.1622

■ 94.0523, 0.3178,
0.3626

■ 19.3525, 0.2994,
0.1504

■ 94.4354, 0.3192,
0.3625

■ 18.0280, 0.2968,
0.1430

■ 94.8234, 0.3206,
0.3623

■ 17.4574, 0.2950,
0.1399

■ 95.2164, 0.3221,
0.3622

Harmonies

Analogous

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



58.4739, 0.2895, 0.2901



58.4739, 0.3119, 0.2967



58.4739, 0.3353, 0.3111

Triad

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



58.4739, 0.3119, 0.2967



58.4739, 0.3526, 0.3646



58.4739, 0.2740, 0.3258

Complementary

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



58.4739, 0.3119, 0.2967



67.8115, 0.3132, 0.3631

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.



58.4739, 0.2899, 0.3477



58.4739, 0.3119, 0.2967



58.4739, 0.3352, 0.3706

Square

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



58.4739, 0.3119, 0.2967



58.4739, 0.3593, 0.3495



58.4739, 0.3122, 0.3645



58.4739, 0.2683, 0.3059

Rectangle

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



58.4739, 0.3119, 0.2967



58.4739, 0.3480, 0.3235



58.4739, 0.3122, 0.3645



58.4739, 0.2783, 0.3333

Sweetspot

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



58.4764, 0.3119, 0.2967



93.4669, 0.3125, 0.3192



56.2629, 0.2921, 0.2988



19.7510, 0.3125, 0.3174



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.



58.4764, 0.3119, 0.2967



75.8928, 0.3116, 0.2889



58.3634, 0.3226, 0.3090



13.8608, 0.3122, 0.3058



10.4000, 0.2954, 0.1401



0.7417, 0.2996, 0.1424

Inverse Universe

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



57.6505, 0.3341, 0.3257



74.5356, 0.3401, 0.3249



67.9332, 0.3040, 0.3499



13.7232, 0.3276, 0.3266



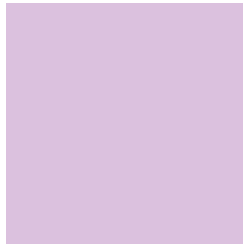
9.2678, 0.6277, 0.3231



0.6502, 0.5983, 0.3069

Previews

White Background



This preview shows how the Yxy color 58.4739, 0.3119, 0.2967 looks on a white background.

Color Contrast Check

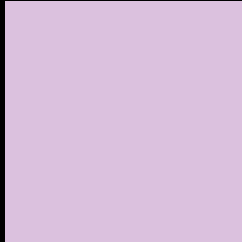
Large Text (above 18pt) WCAG AA × Fail

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 58.4739, 0.3119, 0.2967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

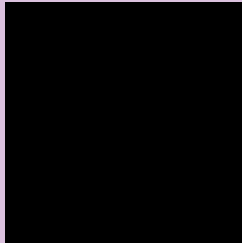
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.4739, 0.3119, 0.2967

Background



This preview shows how black text looks on a background with the Yxy color 58.4739, 0.3119, 0.2967.



This preview shows how white text looks on a background with the Yxy color 58.4739, 0.3119, 0.2967.

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

58.4739, 0.3119, 0.2967

Protanopia

58.6699, 0.2924, 0.2988

Deuteranopia

58.5492, 0.3063, 0.3006



Tritanopia

58.4351, 0.3191, 0.3120

Trichromacy



Original Color

58.4739, 0.3119, 0.2967

Protanomaly

58.3479, 0.2989, 0.2970

Deuteranomaly

58.5468, 0.3086, 0.2997

Tritanomaly

58.3440, 0.3169, 0.3065

Monochromacy



Original Color

58.4739, 0.3119, 0.2967

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.5670, 0.3118, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.4739, 0.3119, 0.2967 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, 193, 222)` looks like.

```
.text, #text, p{  
    color:rgb(219, 193, 222)  
}
```

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, 193, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 193, 222) }
```

Border

The CSS property to change the border of an element to Yxy 58.4739, 0.3119, 0.2967 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, 193, 222) }
```

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

```
.border{ border-color:rgb(219, 193, 222) }
```

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

Here you see how a box with a 4 pixel rgb(219, 193, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 193, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 193, 222);  
box-shadow:4px 4px 4px 4px rgb(219, 193,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4739, 0.3119, 0.2967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 193, 222) }
```

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

```
.background{ background-color: rgb(219,  
193, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor