

Converting Colors

$Y_{xy}(59.7093, 0.2968, 0.2807)$

Have a look what the booklet for
Yxy(59.7093, 0.2968, 0.2807)
contains.

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Color

Yxy(59.7093, 0.2968, 0.2807)

Conversions

Conversions Part 1

Format	Color
Hex	D7C3EF
RGB	215, 195, 239
RGB Percent	84%, 76%, 94%
CMY	0.1566, 0.2354, 0.0627
CMYK	0.10, 0.18, 0.00, 0.06
HSL	267°, 58%, 85%
HSV	267°, 18%, 94%
XYZ	63.1340, 59.7093, 89.8724
YIQ	205.9960, -2.2040, 17.9240

Conversions

Conversions Part 2

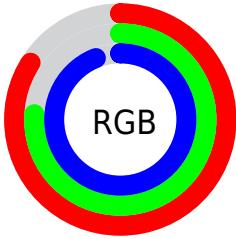
Format	Color
R _Y B	215, 195, 239
Decimal	14140399
CIE Lab	81.68, 15.23, -19.19
CIE LCh	82, 24.500, 308.422
Yxy	59.7093, 0.2968, 0.2807
Android (android.graphics.Color)	4292330479 (0xFFD7C3EF)
YUV	205.9960, 16.2710, 7.8965
Hunter-Lab	77.2718, 10.6157, -14.8681

Details

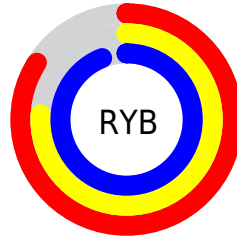
The Yxy color **59.7093, 0.2968, 0.2807** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.7344, 0.3265, 0.3770**, and the grayscale version is **61.6197, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1008, 0.3128, 0.3261**, and **29.9422, 0.2924, 0.2688** is the 20% darker color. If you saturate the color by 10%, you get **47.9538, 0.2862, 0.2517**, and if you desaturate by 10%, it is **73.3406, 0.3060, 0.3079**.

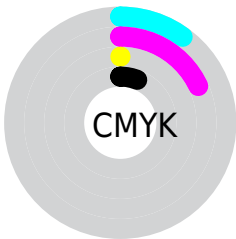
Distribution



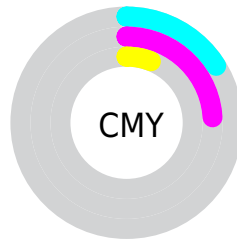
- Red (84%)
- Green (76%)
- Blue (94%)



- Red (84%)
- Yellow (76%)
- Blue (94%)



- Cyan (10%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (24%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.7093, 0.2968, 0.2807 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 59.7093, 0.2968, 0.2807 by changing the saturation by 10% instead.

■ 59.7093, 0.2968,
0.2807

■ 59.7093, 0.2968,
0.2807

■ 423.5254, 0.3046,
0.3031

■ 43.1844, 0.2949,
0.2756

■ 104.4079, 0.2996,
0.2885

■ 30.0298, 0.2925,
0.2693

■ 133.3503, 0.3007,
0.2915

■ 19.8612, 0.2893,
0.2613

■ 167.2006, 0.3016,
0.2941

■ 12.2942, 0.2851,
0.2510

■ 206.3433, 0.3024,
0.2963

■ 6.9444, 0.2790,
0.2369

■ 251.1628, 0.3030,
0.2983

■ 3.4273, 0.2697,
0.2169

■ 302.0433, 0.3036,

■ 1.3587, 0.2540,

0.3001

0.1864

359.3694, 0.3042,
0.3017

0.1860, 0.2282,
0.0774

0.0000, 0.0000,
0.0000

59.7093, 0.2968,
0.2807

59.7093, 0.2968,
0.2807

47.9538, 0.2862,
0.2517

73.3406, 0.3060,
0.3079

37.9816, 0.2742,
0.2214

88.9197, 0.3139,
0.3328

29.7034, 0.2610,
0.1909

98.8378, 0.3214,
0.3444

23.0189, 0.2470,
0.1616

99.0131, 0.3220,
0.3444

■ 17.8172, 0.2326,
0.1349

■ 13.9720, 0.2186,
0.1127

■ 11.3351, 0.2056,
0.0959

■ 9.6958, 0.1941,
0.0849

■ 9.4825, 0.1925,
0.0834

Harmonies

Analogous

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



59.7093, 0.2705, 0.2774



59.7093, 0.2968, 0.2807



59.7093, 0.3287, 0.2953

Triad

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



59.7093, 0.2968, 0.2807



59.7093, 0.3728, 0.3681



59.7093, 0.2692, 0.3383

Complementary

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



59.7093, 0.2968, 0.2807



80.7344, 0.3265, 0.3770

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.



59.7093, 0.2949, 0.3666



59.7093, 0.2968, 0.2807



59.7093, 0.3550, 0.3832

Square

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



59.7093, 0.2968, 0.2807



59.7093, 0.3739, 0.3441



59.7093, 0.3263, 0.3834



59.7093, 0.2552, 0.3088

Rectangle

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



59.7093, 0.2968, 0.2807



59.7093, 0.3489, 0.3098



59.7093, 0.3263, 0.3834



59.7093, 0.2767, 0.3484

Sweetspot

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



59.7118, 0.2968, 0.2807



89.0789, 0.3080, 0.3141



68.6018, 0.2838, 0.3067



18.8228, 0.3075, 0.3124



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.



59.7118, 0.2968, 0.2807



63.9444, 0.2931, 0.2703



63.2288, 0.3132, 0.2831



15.5817, 0.3051, 0.3051



5.3152, 0.1941, 0.0843



0.5006, 0.2086, 0.0923

Inverse Universe

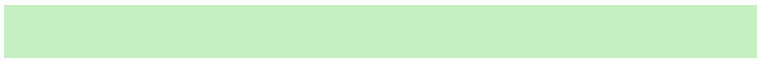
The Inverse Universe completely reimagines the original color for something new.



62.4880, 0.3298, 0.3036



67.7417, 0.3340, 0.2983



77.5786, 0.3118, 0.3792



15.9027, 0.3208, 0.3162



11.0591, 0.4772, 0.2402



0.9401, 0.4509, 0.2258

Previews

White Background



This preview shows how the Yxy color 59.7093, 0.2968, 0.2807 looks on a white background.

Color Contrast Check

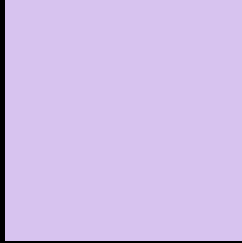
Large Text (above 18pt) WCAG AA × Fail

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 59.7093, 0.2968, 0.2807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

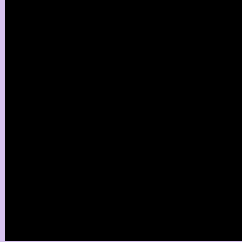
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.7093, 0.2968, 0.2807

Background



This preview shows how black text looks on a background with the Yxy color 59.7093, 0.2968, 0.2807.



This preview shows how white text looks on a background with the Yxy color 59.7093, 0.2968, 0.2807.

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

59.7093, 0.2968, 0.2807

Protanopia

59.7137, 0.2795, 0.2814

Deuteranopia

59.6830, 0.2909, 0.2843



Tritanopia

59.6020, 0.3105, 0.3107

Trichromacy



Original Color

59.7093, 0.2968, 0.2807

Protanomaly

59.8142, 0.2855, 0.2809

Deuteranomaly

59.6609, 0.2931, 0.2834

Tritanomaly

59.7670, 0.3049, 0.2997

Monochromacy



Original Color

59.7093, 0.2968, 0.2807

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.8583, 0.3067, 0.3108

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7093, 0.2968, 0.2807 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(215, 195, 239)` looks like.

```
.text, #text, p{  
    color:rgb(215, 195, 239)  
}
```

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(215, 195, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 195, 239) }
```

Border

The CSS property to change the border of an element to Yxy 59.7093, 0.2968, 0.2807 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(215, 195, 239) }
```

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

```
.border{ border-color:rgb(215, 195, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 195, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 195, 239); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 195, 239); box-shadow:4px 4px 4px 4px rgb(215, 195, 239) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7093, 0.2968, 0.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 195, 239) }
```

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

```
.background{ background-color: rgb(215,  
195, 239) }
```

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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