

Converting Colors

Yxy(59.9384, 0.2957, 0.2919)

Have a look what the booklet for
Yxy(59.9384, 0.2957, 0.2919)
contains.

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Color

Yxy(59.9384, 0.2957, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	CFC7E8
RGB	207, 199, 232
RGB Percent	81%, 78%, 91%
CMY	0.1882, 0.2196, 0.0904
CMYK	0.11, 0.14, 0.00, 0.09
HSL	255°, 42%, 85%
HSV	255°, 14%, 91%
XYZ	60.7187, 59.9384, 84.6817
YIQ	205.1540, -5.8250, 11.9590

Conversions

Conversions Part 2

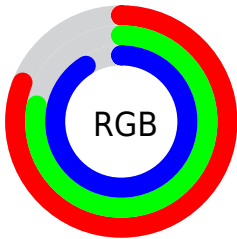
Format	Color
R _Y B	207, 199, 232
Decimal	13617128
CIE Lab	81.80, 9.05, -15.30
CIE LCh	82, 17.774, 300.616
Yxy	59.9384, 0.2957, 0.2919
Android (android.graphics.Color)	4291807208 (0xFFCFC7E8)
YUV	205.1540, 13.2351, 1.6189
Hunter-Lab	77.4199, 4.5087, -10.6574

Details

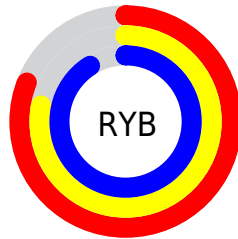
The Yxy color **59.9384, 0.2957, 0.2919** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.6537, 0.3283, 0.3648**, and the grayscale version is **61.0718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.1577, 0.2920, 0.2831** is the 20% darker color. If you saturate the color by 10%, you get **47.6772, 0.2816, 0.2625**, and if you desaturate by 10%, it is **74.1128, 0.3080, 0.3186**.

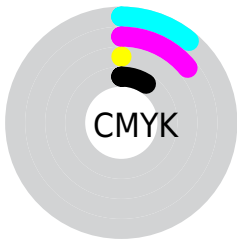
Distribution



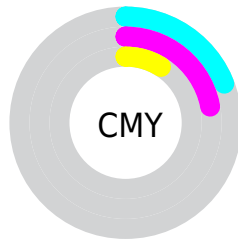
- Red (81%)
- Green (78%)
- Blue (91%)



- Red (81%)
- Yellow (78%)
- Blue (91%)



- Cyan (11%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9384, 0.2957, 0.2919 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 59.9384, 0.2957, 0.2919 by changing the saturation by 10% instead.

■ 59.9384, 0.2957,
0.2919

■ 59.9384, 0.2957,
0.2919

424.3707, 0.3039,
0.3093

■ 43.3690, 0.2937,
0.2879

104.7403, 0.2986,
0.2980

■ 30.1747, 0.2912,
0.2829

133.7416, 0.2997,
0.3003

■ 19.9713, 0.2880,
0.2765

167.6556, 0.3007,
0.3023

■ 12.3742, 0.2837,
0.2682

206.8668, 0.3015,
0.3041

■ 6.9990, 0.2776,
0.2567

251.7595, 0.3022,
0.3056

■ 3.4615, 0.2682,
0.2400

302.7181, 0.3029,

■ 1.3771, 0.2526,

0.3070

0.2136

360.1270, 0.3034,
0.3082

0.1998, 0.2123,
0.1033

0.0000, 0.0000,
0.0000

59.9384, 0.2957,
0.2919

59.9384, 0.2957,
0.2919

47.6772, 0.2816,
0.2625

74.1128, 0.3080,
0.3186

37.2391, 0.2657,
0.2308

90.2704, 0.3187,
0.3425

28.5379, 0.2484,
0.1977

98.6039, 0.3262,
0.3513

21.4773, 0.2302,
0.1647

■ 15.9518, 0.2120,
0.1337

■ 11.8427, 0.1948,
0.1068

■ 9.0138, 0.1799,
0.0859

■ 7.3001, 0.1680,
0.0722

■ 6.6752, 0.1627,
0.0670

Harmonies

Analogous

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



59.9384, 0.2781, 0.2922



59.9384, 0.2957, 0.2919



59.9384, 0.3185, 0.3007

Triad

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



59.9384, 0.2957, 0.2919



59.9384, 0.3576, 0.3538



59.9384, 0.2853, 0.3416

Complementary

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



59.9384, 0.2957, 0.2919



77.6537, 0.3283, 0.3648

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.



59.9384, 0.3058, 0.3600



59.9384, 0.2957, 0.2919



59.9384, 0.3478, 0.3665

Square

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



59.9384, 0.2957, 0.2919



59.9384, 0.3549, 0.3355



59.9384, 0.3287, 0.3691



59.9384, 0.2723, 0.3201

Rectangle

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



59.9384, 0.2957, 0.2919



59.9384, 0.3336, 0.3106



59.9384, 0.3287, 0.3691



59.9384, 0.2915, 0.3484

Sweetspot

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



59.9409, 0.2957, 0.2919



92.2287, 0.3083, 0.3191



71.4235, 0.2908, 0.3204



19.4375, 0.3074, 0.3172



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.



59.9409, 0.2957, 0.2919



69.6908, 0.2918, 0.2837



62.3888, 0.3077, 0.2932



14.0554, 0.3018, 0.3050



3.7562, 0.1640, 0.0677



0.3200, 0.1785, 0.0757

Inverse Universe

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



63.3778, 0.3202, 0.3022



74.7322, 0.3219, 0.2966



75.1941, 0.3170, 0.3660



14.5522, 0.3175, 0.3114



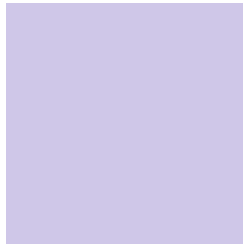
11.2770, 0.3936, 0.1942



0.8477, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 59.9384, 0.2957, 0.2919 looks on a white background.

Color Contrast Check

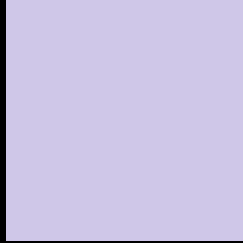
Large Text (above 18pt) WCAG AA × Fail

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 59.9384, 0.2957, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

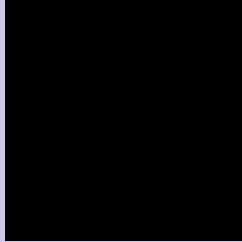
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

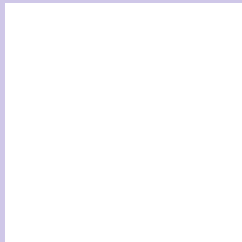
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9384, 0.2957, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 59.9384, 0.2957, 0.2919.



This preview shows how white text looks on a background with the Yxy color 59.9384, 0.2957, 0.2919.

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

59.9384, 0.2957, 0.2919

Protanopia

60.1873, 0.2880, 0.2925

Deuteranopia

59.7697, 0.2971, 0.2909



Tritanopia

59.7622, 0.3044, 0.3105

Trichromacy



Original Color

59.9384, 0.2957, 0.2919

Protanomaly

60.0740, 0.2907, 0.2926

Deuteranomaly

59.6243, 0.2964, 0.2908

Tritanomaly

59.7043, 0.3017, 0.3038

Monochromacy



Original Color

59.9384, 0.2957, 0.2919

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.7400, 0.3065, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9384, 0.2957, 0.2919 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(207, 199, 232)` looks like.

```
.text, #text, p{  
    color:rgb(207, 199, 232)  
}
```

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(207, 199, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 199, 232) }
```

Border

The CSS property to change the border of an element to Yxy 59.9384, 0.2957, 0.2919 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(207, 199, 232) }
```

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

```
.border{ border-color:rgb(207, 199, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 199, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 199, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 199, 232);  
box-shadow:4px 4px 4px 4px rgb(207, 199,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9384, 0.2957, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 199, 232) }
```

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

```
.background{ background-color: rgb(207,  
199, 232) }
```

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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