

Converting Colors

$Y_{xy}(59.2675, 0.3004, 0.2921)$

Have a look what the booklet for
Yxy(59.2675, 0.3004, 0.2921)
contains.

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Color

Yxy(59.4385, 0.3007, 0.2931)

Conversions

Conversions Part 1

Format	Color
Hex	D3C5E5
RGB	211, 197, 229
RGB Percent	83%, 77%, 90%
CMY	0.1724, 0.2275, 0.1020
CMYK	0.08, 0.14, 0.00, 0.10
HSL	266°, 38%, 84%
HSV	266°, 14%, 90%
XYZ	60.9797, 59.4385, 82.3743
YIQ	204.8340, -1.9280, 12.9200

Conversions

Conversions Part 2

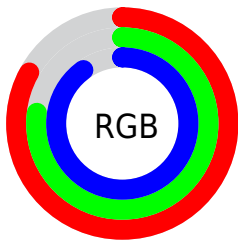
Format	Color
R _Y B	211, 197, 229
Decimal	13878757
CIE Lab	81.53, 10.84, -14.08
CIE LCh	82, 17.771, 307.601
Yxy	59.4385, 0.3007, 0.2931
Android (android.graphics.Color)	4292068837 (0xFFD3C5E5)
YUV	204.8340, 11.9138, 5.4076
Hunter-Lab	77.0964, 6.2667, -9.3815

Details

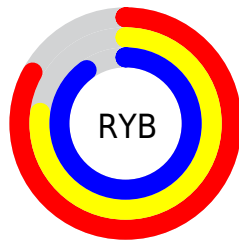
The Yxy color **59.4385, 0.3007, 0.2931** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.4974, 0.3235, 0.3646**, and the grayscale version is **60.8672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3636, 0.3128, 0.3281**, and **29.7688, 0.2966, 0.2833** is the 20% darker color. If you saturate the color by 10%, you get **47.9982, 0.2904, 0.2648**, and if you desaturate by 10%, it is **72.6148, 0.3096, 0.3193**.

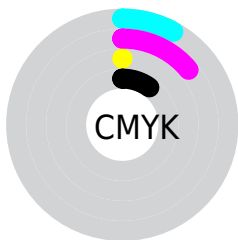
Distribution



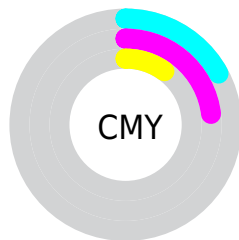
- Red (83%)
- Green (77%)
- Blue (90%)



- Red (83%)
- Yellow (77%)
- Blue (90%)



- Cyan (8%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (23%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4385, 0.3007, 0.2931 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 59.4385, 0.3007, 0.2931 by changing the saturation by 10% instead.

■ 59.4385, 0.3007,
0.2931

■ 59.4385, 0.3007,
0.2931

422.5250, 0.3066,
0.3099

■ 42.9662, 0.2993,
0.2892

104.0147, 0.3028,
0.2990

■ 29.8586, 0.2975,
0.2844

132.8874, 0.3036,
0.3012

■ 19.7313, 0.2951,
0.2782

166.6624, 0.3043,
0.3032

■ 12.1999, 0.2919,
0.2701

205.7240, 0.3049,
0.3049

■ 6.8799, 0.2873,
0.2590

250.4567, 0.3054,
0.3064

■ 3.3871, 0.2803,
0.2427

301.2448, 0.3058,

■ 1.3370, 0.2681,

0.3077

0.2170

358.4728, 0.3062,
0.3089

0.1696, 0.2394,
0.0953

0.0000, 0.0000,
0.0000

59.4385, 0.3007,
0.2931

59.4385, 0.3007,
0.2931

47.9982, 0.2904,
0.2648

72.6148, 0.3096,
0.3193

38.2118, 0.2787,
0.2349

87.5895, 0.3171,
0.3431

30.0018, 0.2657,
0.2043

97.4206, 0.3245,
0.3545

23.2812, 0.2516,
0.1740

98.4362, 0.3280,
0.3542

■ 17.9544, 0.2370,
0.1457

■ 13.9141, 0.2224,
0.1211

■ 11.0368, 0.2087,
0.1015

■ 9.1725, 0.1963,
0.0878

■ 8.3978, 0.1897,
0.0819

Harmonies

Analogous

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



59.4385, 0.2814, 0.2912



59.4385, 0.3007, 0.2931



59.4385, 0.3239, 0.3038

Triad

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



59.4385, 0.3007, 0.2931



59.4385, 0.3565, 0.3575



59.4385, 0.2814, 0.3366

Complementary

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



59.4385, 0.3007, 0.2931



74.4974, 0.3235, 0.3646

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.



59.4385, 0.3006, 0.3564



59.4385, 0.3007, 0.2931



59.4385, 0.3441, 0.3682

Square

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



59.4385, 0.3007, 0.2931



59.4385, 0.3568, 0.3401



59.4385, 0.3235, 0.3681



59.4385, 0.2706, 0.3153

Rectangle

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



59.4385, 0.3007, 0.2931



59.4385, 0.3384, 0.3145



59.4385, 0.3235, 0.3681



59.4385, 0.2870, 0.3437

Sweetspot

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



59.4410, 0.3007, 0.2931



92.5950, 0.3095, 0.3191



66.1882, 0.2910, 0.3132



19.5300, 0.3089, 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.



59.4410, 0.3007, 0.2931



71.0692, 0.2976, 0.2845



61.8924, 0.3127, 0.2944



14.1953, 0.3049, 0.3052



4.8708, 0.1913, 0.0828



0.4141, 0.2076, 0.0917

Inverse Universe

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



61.4878, 0.3247, 0.3094



74.2261, 0.3278, 0.3048



72.2197, 0.3124, 0.3658



14.5027, 0.3205, 0.3159



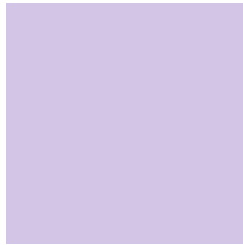
10.4464, 0.4698, 0.2362



0.7906, 0.4421, 0.2209

Previews

White Background



This preview shows how the Yxy color 59.4385, 0.3007, 0.2931 looks on a white background.

Color Contrast Check

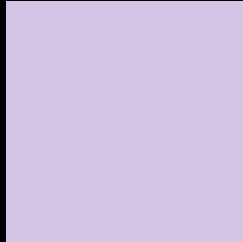
Large Text (above 18pt) WCAG AA × Fail

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 59.4385, 0.3007, 0.2931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

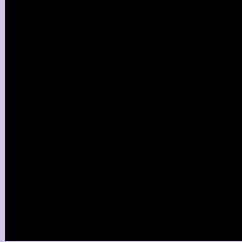
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4385, 0.3007, 0.2931

Background



This preview shows how black text looks on a background with the Yxy color 59.4385, 0.3007, 0.2931.



This preview shows how white text looks on a background with the Yxy color 59.4385, 0.3007, 0.2931.

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

59.4385, 0.3007, 0.2931

Protanopia

59.6053, 0.2892, 0.2935

Deuteranopia

59.2913, 0.2999, 0.2930



Tritanopia

59.3085, 0.3089, 0.3106

Trichromacy



Original Color

59.4385, 0.3007, 0.2931

Protanomaly

59.7746, 0.2934, 0.2938

Deuteranomaly

59.2913, 0.2999, 0.2930

Tritanomaly

59.2571, 0.3062, 0.3040

Monochromacy



Original Color

59.4385, 0.3007, 0.2931

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.3615, 0.3080, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4385, 0.3007, 0.2931 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(211, 197, 229)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 229)  
}
```

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(211, 197, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 229) }
```

Border

The CSS property to change the border of an element to Yxy 59.4385, 0.3007, 0.2931 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(211, 197, 229) }
```

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

```
.border{ border-color:rgb(211, 197, 229) }
```

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

Here you see how a box with a 4 pixel rgb(211, 197, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 229);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4385, 0.3007, 0.2931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 229) }
```

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

```
.background{ background-color: rgb(211,  
197, 229) }
```

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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