

Converting Colors

$Yxy(59.4776, 0.3076, 0.2836)$

Have a look what the booklet for
Yxy(59.4776, 0.3076, 0.2836)
contains.

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Color

Yxy(59.4871, 0.3071, 0.2835)

Conversions

Conversions Part 1

Format	Color
Hex	E0C0EA
RGB	224, 192, 234
RGB Percent	88%, 75%, 92%
CMY	0.1215, 0.2470, 0.0825
CMYK	0.04, 0.18, 0.00, 0.08
HSL	286°, 50%, 84%
HSV	286°, 18%, 92%
XYZ	64.4391, 59.4871, 85.9048
YIQ	206.3560, 5.5900, 19.8460

Conversions

Conversions Part 2

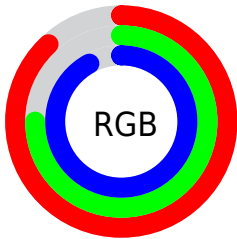
Format	Color
R _Y B	224, 192, 234
Decimal	14729450
CIE Lab	81.56, 18.73, -16.60
CIE LCh	82, 25.031, 318.454
Yxy	59.4871, 0.3071, 0.2835
Android (android.graphics.Color)	4292919530 (0xFFE0C0EA)
YUV	206.3560, 13.6285, 15.4738
Hunter-Lab	77.1279, 14.1601, -12.0475

Details

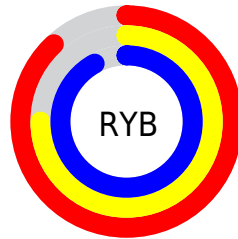
The Yxy color $59.4871, 0.3071, 0.2835$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $75.1876, 0.3172, 0.3768$, and the grayscale version is $61.8710, 0.3127, 0.3290$.

A 20% lighter version of the original color is $96.2314, 0.3130, 0.3233$, and $29.8263, 0.3060, 0.2726$ is the 20% darker color. If you saturate the color by 10%, you get $49.1450, 0.3031, 0.2568$, and if you desaturate by 10%, it is $71.4965, 0.3105, 0.3094$.

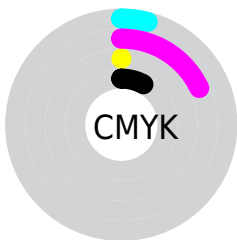
Distribution



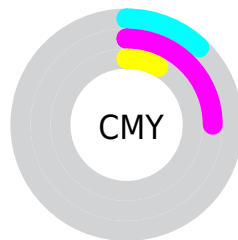
- Red (88%)
- Green (75%)
- Blue (92%)



- Red (88%)
- Yellow (75%)
- Blue (92%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)




- Cyan (12%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4871, 0.3071, 0.2835 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 59.4871, 0.3071, 0.2835 by changing the saturation by 10% instead.

 59.4871, 0.3071,
0.2835

 59.4871, 0.3071,
0.2835

422.7046, 0.3101,
0.3046

 43.0054, 0.3063,
0.2787


 104.0853, 0.3082,
0.2908

 29.8893, 0.3053,
0.2728


132.9705, 0.3086,
0.2936

 19.7546, 0.3040,
0.2653


166.7590, 0.3090,
0.2961

 12.2168, 0.3021,
0.2555

205.8352, 0.3092,
0.2982

 6.8915, 0.2993,
0.2422

250.5835, 0.3095,
0.3001

 3.3943, 0.2947,
0.2232

301.3882, 0.3097,

 1.3409, 0.2864,

0.3018

0.1942

358.6338, 0.3099,
0.3032

0.1725, 0.2830,
0.0786

0.0000, 0.0000,
0.0000

59.4871, 0.3071,
0.2835

59.4871, 0.3071,
0.2835

49.1450, 0.3031,
0.2568

71.4965, 0.3105,
0.3094

40.3854, 0.2984,
0.2299

85.2378, 0.3132,
0.3339

33.1273, 0.2931,
0.2039

96.1021, 0.3159,
0.3499

27.2794, 0.2872,
0.1799

97.0930, 0.3194,
0.3497

■ 22.7406, 0.2810,
0.1590

■ 98.1139, 0.3230,
0.3495

■ 19.3957, 0.2746,
0.1421

■ 98.7188, 0.3250,
0.3493

■ 17.1093, 0.2681,
0.1299

■ 15.6948, 0.2619,
0.1222

■ 15.4532, 0.2606,
0.1209

Harmonies

Analogous

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



59.4871, 0.2774, 0.2760



59.4871, 0.3071, 0.2835



59.4871, 0.3398, 0.3016

Triad

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



59.4871, 0.3071, 0.2835



59.4871, 0.3698, 0.3754



59.4871, 0.2619, 0.3280

Complementary

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



59.4871, 0.3071, 0.2835



75.1876, 0.3172, 0.3768

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.



59.4871, 0.2847, 0.3587



59.4871, 0.3071, 0.2835



59.4871, 0.3470, 0.3865

Square

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



59.4871, 0.3071, 0.2835



59.4871, 0.3770, 0.3532



59.4871, 0.3157, 0.3808



59.4871, 0.2524, 0.2997

Rectangle

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



59.4871, 0.3071, 0.2835



59.4871, 0.3585, 0.3177



59.4871, 0.3157, 0.3808



59.4871, 0.2682, 0.3385

Sweetspot

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



59.4897, 0.3071, 0.2835



91.5635, 0.3113, 0.3167



59.6214, 0.2838, 0.2927



19.3539, 0.3111, 0.3149



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.



59.4897, 0.3071, 0.2835



66.8415, 0.3055, 0.2724



60.5435, 0.3226, 0.2953



15.1231, 0.3100, 0.3055



8.7468, 0.2615, 0.1214



0.7302, 0.2701, 0.1262

Inverse Universe

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



59.4528, 0.3394, 0.3181



66.8254, 0.3472, 0.3155



74.3243, 0.3041, 0.3653



15.1127, 0.3256, 0.3234



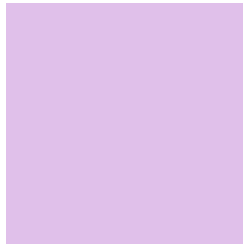
10.0041, 0.5965, 0.3060



0.8002, 0.5578, 0.2846

Previews

White Background



This preview shows how the Yxy color 59.4871, 0.3071, 0.2835 looks on a white background.

Color Contrast Check

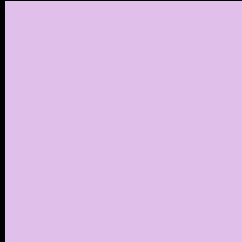
Large Text (above 18pt) WCAG AA × Fail

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 59.4871, 0.3071, 0.2835 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 59.4871, 0.3071, 0.2835

Background



This preview shows how black text looks on a background with the Yxy color 59.4871, 0.3071, 0.2835.



This preview shows how white text looks on a background with the Yxy color 59.4871, 0.3071, 0.2835.

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

59.4871, 0.3071, 0.2835

Protanopia

59.6667, 0.2820, 0.2846

Deuteranopia

59.6813, 0.2957, 0.2897



Tritanopia

59.5552, 0.3214, 0.3122

Trichromacy



Original Color

59.4871, 0.3071, 0.2835

Protanomaly

59.6830, 0.2909, 0.2843

Deuteranomaly

59.6592, 0.3001, 0.2880

Tritanomaly

59.6743, 0.3163, 0.3024

Monochromacy



Original Color

59.4871, 0.3071, 0.2835

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.8773, 0.3112, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4871, 0.3071, 0.2835 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(224, 192, 234)` looks like.

```
.text, #text, p{  
    color:rgb(224, 192, 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(224, 192, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 192, 234) }
```

Border

The CSS property to change the border of an element to Yxy 59.4871, 0.3071, 0.2835 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(224, 192, 234) }
```

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

```
.border{ border-color:rgb(224, 192, 234) }
```

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

Here you see how a box with a 4 pixel rgb(224, 192, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 192, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 192, 234);  
box-shadow:4px 4px 4px 4px rgb(224, 192,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4871, 0.3071, 0.2835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 192, 234) }
```

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

```
.background{ background-color: rgb(224,  
192, 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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