

Converting Colors

$Yxy(63.1067, 0.3043, 0.2870)$

Have a look what the booklet for
Yxy(63.1067, 0.3043, 0.2870)
contains.

Yxy(63.0274, 0.3049, 0.2872)	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(63.0274, 0.3049, 0.2872)

Conversions

Conversions Part 1

Format	Color
Hex	E1C7EE
RGB	225, 199, 238
RGB Percent	88%, 78%, 93%
CMY	0.1175, 0.2196, 0.0667
CMYK	0.05, 0.16, 0.00, 0.07
HSL	280°, 53%, 86%
HSV	280°, 16%, 93%
XYZ	66.9117, 63.0274, 89.5156
YIQ	211.2200, 2.9770, 17.6410

Conversions

Conversions Part 2

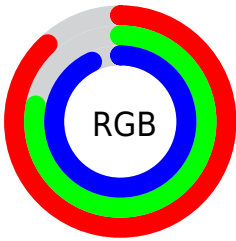
Format	Color
R _Y B	225, 199, 238
Decimal	14796782
CIE Lab	83.46, 16.10, -15.88
CIE LCh	83, 22.616, 315.390
Yxy	63.0274, 0.3049, 0.2872
Android (android.graphics.Color)	4292986862 (0xFFE1C7EE)
YUV	211.2200, 13.2025, 12.0851
Hunter-Lab	79.3898, 11.5122, -11.2793

Details

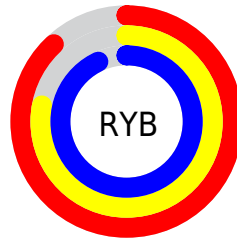
The Yxy color $63.0274, 0.3049, 0.2872$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $79.2542, 0.3193, 0.3721$, and the grayscale version is $65.2070, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.1742, 0.3032, 0.2775$ is the 20% darker color. If you saturate the color by 10%, you get $51.6798, 0.2990, 0.2599$, and if you desaturate by 10%, it is $76.1518, 0.3099, 0.3132$.

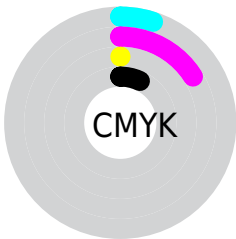
Distribution



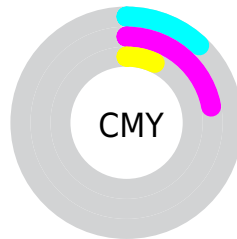
- Red (88%)
- Green (78%)
- Blue (93%)



- Red (88%)
- Yellow (78%)
- Blue (93%)



- Cyan (5%)
- Magenta (16%)
- Yellow (0%)
- Black (7%)




- Cyan (12%)
- Magenta (22%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0274, 0.3049, 0.2872 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 63.0274, 0.3049, 0.2872 by changing the saturation by 10% instead.


 63.0274, 0.3049,
0.2872

 63.0274, 0.3049,
0.2872


435.6689, 0.3088,
0.3064

 45.8634, 0.3039,
0.2828


109.2090, 0.3063,
0.2939

 32.1380, 0.3027,
0.2775


138.9954, 0.3069,
0.2964

 21.4669, 0.3011,
0.2707


173.7581, 0.3073,
0.2987

 13.4657, 0.2988,
0.2619

213.8814, 0.3077,
0.3006

 7.7500, 0.2956,
0.2500

259.7497, 0.3080,
0.3023

 3.9354, 0.2906,
0.2331

311.7475, 0.3083,

 1.6375, 0.2820,

0.3039

0.2073

370.2591, 0.3086,
0.3052

0.3827, 0.2719,
0.1375

0.0000, 0.0000,
0.0000

63.0274, 0.3049,
0.2872

63.0274, 0.3049,
0.2872

51.6798, 0.2990,
0.2599

76.1518, 0.3099,
0.3132

42.0207, 0.2921,
0.2320

91.1198, 0.3141,
0.3376

33.9663, 0.2844,
0.2044

97.7870, 0.3187,
0.3456

27.4225, 0.2760,
0.1783

98.9522, 0.3226,
0.3454

■ 22.2849, 0.2671,
0.1549

■ 18.4355, 0.2580,
0.1354

■ 15.7363, 0.2489,
0.1207

■ 14.0152, 0.2404,
0.1109

■ 13.5326, 0.2374,
0.1081

Harmonies

Analogous

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



63.0274, 0.2791, 0.2817



63.0274, 0.3049, 0.2872



63.0274, 0.3339, 0.3026

Triad

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



63.0274, 0.3049, 0.2872



63.0274, 0.3647, 0.3688



63.0274, 0.2691, 0.3311

Complementary

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



63.0274, 0.3049, 0.2872



79.2542, 0.3193, 0.3721

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.



63.0274, 0.2905, 0.3577



63.0274, 0.3049, 0.2872



63.0274, 0.3458, 0.3795

Square

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



63.0274, 0.3049, 0.2872



63.0274, 0.3693, 0.3484



63.0274, 0.3185, 0.3758



63.0274, 0.2592, 0.3054

Rectangle

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



63.0274, 0.3049, 0.2872



63.0274, 0.3510, 0.3167



63.0274, 0.3185, 0.3758



63.0274, 0.2751, 0.3403

Sweetspot

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



63.0301, 0.3049, 0.2872



91.3384, 0.3106, 0.3167



65.3977, 0.2866, 0.2998



19.2991, 0.3102, 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.



63.0301, 0.3049, 0.2872



68.5918, 0.3028, 0.2772



64.8174, 0.3193, 0.2949



15.7530, 0.3085, 0.3053



7.6244, 0.2386, 0.1088



0.6883, 0.2496, 0.1149

Inverse Universe

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



63.7715, 0.3339, 0.3152



69.6634, 0.3397, 0.3119



77.7141, 0.3068, 0.3656



15.8455, 0.3241, 0.3212



10.4781, 0.5643, 0.2883



0.8894, 0.5274, 0.2679

Previews

White Background



This preview shows how the Yxy color 63.0274, 0.3049, 0.2872 looks on a white background.

Color Contrast Check

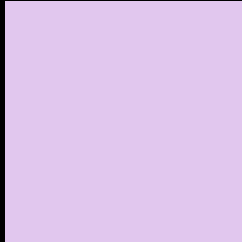
Large Text (above 18pt) WCAG AA × Fail

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 63.0274, 0.3049, 0.2872 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 63.0274, 0.3049, 0.2872

Background



This preview shows how black text looks on a background with the Yxy color 63.0274, 0.3049, 0.2872.



This preview shows how white text looks on a background with the Yxy color 63.0274, 0.3049, 0.2872.

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

63.0274, 0.3049, 0.2872

Protanopia

63.0312, 0.2846, 0.2878

Deuteranopia

63.2734, 0.2982, 0.2918



Tritanopia

62.8326, 0.3166, 0.3113

Trichromacy



Original Color

63.0274, 0.3049, 0.2872

Protanomaly

62.7644, 0.2920, 0.2872

Deuteranomaly

63.4156, 0.3011, 0.2910

Tritanomaly

62.8975, 0.3124, 0.3027

Monochromacy



Original Color

63.0274, 0.3049, 0.2872

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

64.4450, 0.3097, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0274, 0.3049, 0.2872 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(225, 199, 238)` looks like.

```
.text, #text, p{  
    color:rgb(225, 199, 238)  
}
```

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(225, 199, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 199, 238) }
```

Border

The CSS property to change the border of an element to Yxy 63.0274, 0.3049, 0.2872 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(225, 199, 238) }
```

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

```
.border{ border-color:rgb(225, 199, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 199, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 199, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 199, 238);  
box-shadow:4px 4px 4px 4px rgb(225, 199,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0274, 0.3049, 0.2872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 199, 238) }
```

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

```
.background{ background-color: rgb(225,  
199, 238) }
```

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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