

Converting Colors

$Yxy(63.4909, 0.3013, 0.2791)$

Have a look what the booklet for
Yxy(63.4909, 0.3013, 0.2791)
contains.

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Color

Yxy(63.3729, 0.3009, 0.2783)

Conversions

Conversions Part 1

Format	Color
Hex	E3C6F6
RGB	227, 198, 246
RGB Percent	89%, 78%, 96%
CMY	0.1096, 0.2236, 0.0352
CMYK	0.08, 0.20, 0.00, 0.04
HSL	276°, 73%, 87%
HSV	276°, 20%, 96%
XYZ	68.5192, 63.3729, 95.8222
YIQ	212.1430, 1.8760, 21.0760

Conversions

Conversions Part 2

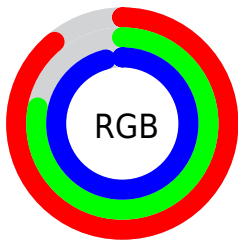
Format	Color
RYB	227, 198, 246
Decimal	14927606
CIELab	83.64, 18.85, -19.87
CIELCh	84, 27.390, 313.493
Yxy	63.3729, 0.3009, 0.2783
Android (android.graphics.Color)	4293117686 (0xFFE3C6F6)
YUV	212.1430, 16.6915, 13.0296
Hunter-Lab	79.6071, 14.3257, -15.6418

Details

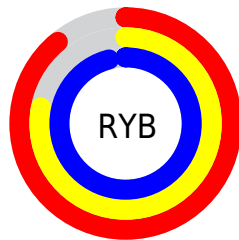
The Yxy color $63.3729, 0.3009, 0.2783$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $84.7439, 0.3225, 0.3809$, and the grayscale version is $65.8292, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $32.3222, 0.2970, 0.2662$ is the 20% darker color. If you saturate the color by 10%, you get $51.4922, 0.2933, 0.2502$, and if you desaturate by 10%, it is $77.1747, 0.3074, 0.3051$.

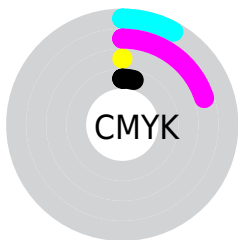
Distribution



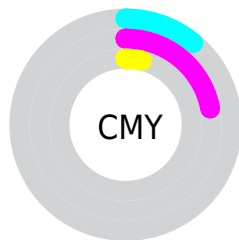
- Red (89%)
- Green (78%)
- Blue (96%)



- Red (89%)
- Yellow (78%)
- Blue (96%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (11%)
- Magenta (22%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.3729, 0.3009, 0.2783 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 63.3729, 0.3009, 0.2783 by changing the saturation by 10% instead.

63.3729, 0.3009,
0.2783

63.3729, 0.3009,
0.2783

436.9216, 0.3068,
0.3014

46.1429, 0.2995,
0.2731

109.7073, 0.3030,
0.2863

32.3586, 0.2976,
0.2667

139.5806, 0.3038,
0.2894

21.6356, 0.2952,
0.2587

174.4370, 0.3045,
0.2921

13.5894, 0.2920,
0.2484

214.6611, 0.3051,
0.2944

7.8356, 0.2873,
0.2347

260.6372, 0.3056,
0.2965

3.9900, 0.2803,
0.2154

312.7497, 0.3060,

1.6679, 0.2683,

0.2983

0.1868

371.3830, 0.3064,
0.3000

0.4028, 0.2511,
0.1200

0.0000, 0.0000,
0.0000

63.3729, 0.3009,
0.2783

63.3729, 0.3009,
0.2783

51.4922, 0.2933,
0.2502

77.1747, 0.3074,
0.3051

41.4349, 0.2847,
0.2215

92.9731, 0.3130,
0.3302

33.1071, 0.2750,
0.1932

99.4349, 0.3179,
0.3376

26.4025, 0.2647,
0.1667

■ 21.2033, 0.2539,
0.1431

■ 17.3746, 0.2432,
0.1239

■ 14.7569, 0.2328,
0.1097

■ 13.0985, 0.2232,
0.1005

■ 13.0294, 0.2227,
0.1001

Harmonies

Analogous

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



63.3729, 0.2706, 0.2724



63.3729, 0.3009, 0.2783



63.3729, 0.3361, 0.2959

Triad

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



63.3729, 0.3009, 0.2783



63.3729, 0.3764, 0.3752



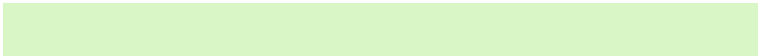
63.3729, 0.2615, 0.3334

Complementary

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



63.3729, 0.3009, 0.2783



84.7439, 0.3225, 0.3809

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.



63.3729, 0.2877, 0.3658



63.3729, 0.3009, 0.2783



63.3729, 0.3542, 0.3898

Square

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



63.3729, 0.3009, 0.2783



63.3729, 0.3810, 0.3500



63.3729, 0.3215, 0.3870



63.3729, 0.2489, 0.3019

Rectangle

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



63.3729, 0.3009, 0.2783



63.3729, 0.3573, 0.3124



63.3729, 0.3215, 0.3870



63.3729, 0.2690, 0.3447

Sweetspot

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



63.3756, 0.3009, 0.2783



89.4954, 0.3095, 0.3141



68.3874, 0.2815, 0.2971



18.9213, 0.3091, 0.3125



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.



63.3756, 0.3009, 0.2783



63.9858, 0.2983, 0.2685



66.3420, 0.3184, 0.2850



16.4227, 0.3075, 0.3052



7.0371, 0.2242, 0.1009



0.6780, 0.2361, 0.1074

Inverse Universe

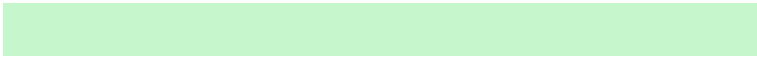
The Inverse Universe completely reimagines the original color for something new.



64.9860, 0.3365, 0.3092



66.0397, 0.3419, 0.3055



82.2277, 0.3074, 0.3773



16.5909, 0.3231, 0.3197



10.9460, 0.5400, 0.2748



0.9817, 0.5067, 0.2565

Previews

White Background



This preview shows how the Yxy color 63.3729, 0.3009, 0.2783 looks on a white background.

Color Contrast Check

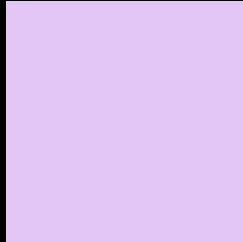
Large Text (above 18pt) WCAG AA × Fail

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 63.3729, 0.3009, 0.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

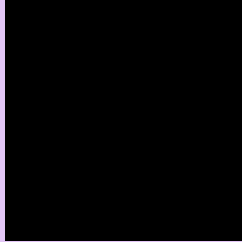
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.3729, 0.3009, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 63.3729, 0.3009, 0.2783.



This preview shows how white text looks on a background with the Yxy color 63.3729, 0.3009, 0.2783.

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

63.3729, 0.3009, 0.2783

Protanopia

63.7960, 0.2779, 0.2794

Deuteranopia

63.6272, 0.2901, 0.2843



Tritanopia

63.5143, 0.3166, 0.3114

Trichromacy



Original Color

63.3729, 0.3009, 0.2783

Protanomaly

63.6432, 0.2856, 0.2790

Deuteranomaly

63.5853, 0.2943, 0.2826

Tritanomaly

63.2777, 0.3103, 0.2986

Monochromacy



Original Color

63.3729, 0.3009, 0.2783

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

64.7592, 0.3084, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.3729, 0.3009, 0.2783 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(227, 198, 246)` looks like.

```
.text, #text, p{  
    color:rgb(227, 198, 246)  
}
```

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(227, 198, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 198, 246) }
```

Border

The CSS property to change the border of an element to Yxy 63.3729, 0.3009, 0.2783 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(227, 198, 246) }
```

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

```
.border{ border-color:rgb(227, 198, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 198, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 198, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 198, 246);  
box-shadow:4px 4px 4px 4px rgb(227, 198,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 63.3729, 0.3009, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 198, 246) }
```

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

```
.background{ background-color: rgb(227,  
198, 246) }
```

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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