

# Converting Colors

Yxy(57.9394, 0.3067, 0.2810)

Have a look what the booklet for  
Yxy(57.9394, 0.3067, 0.2810)  
contains.

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# Color

**Yxy(57.9664, 0.3071, 0.2811)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DFBDE9
RGB	223, 189, 233
RGB Percent	87%, 74%, 91%
CMY	0.1256, 0.2588, 0.0864
CMYK	0.04, 0.19, 0.00, 0.09
HSL	286°, 50%, 83%
HSV	286°, 19%, 91%
XYZ	63.3279, 57.9664, 84.9184
YIQ	204.1820, 6.1400, 20.8920

# Conversions

## Conversions Part 2

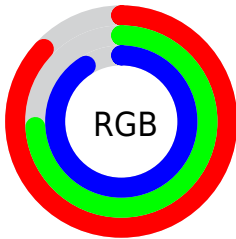
Format	Color
R <sub>Y</sub> B	223, 189, 233
Decimal	14663145
CIE Lab	80.72, 19.81, -17.34
CIE LCh	81, 26.324, 318.807
Yxy	57.9664, 0.3071, 0.2811
Android (android.graphics.Color)	4292853225 (0xFFDFBDE9)
YUV	204.1820, 14.2073, 16.5034
Hunter-Lab	76.1357, 15.2349, -12.8345

# Details

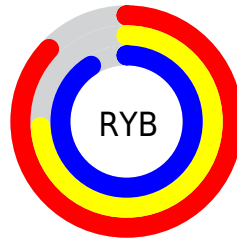
The Yxy color **57.9664, 0.3071, 0.2811** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.0794, 0.3171, 0.3796**, and the grayscale version is **60.4098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **29.1075, 0.3060, 0.2708** is the 20% darker color. If you saturate the color by 10%, you get **47.9089, 0.3032, 0.2544**, and if you desaturate by 10%, it is **69.6650, 0.3103, 0.3071**.

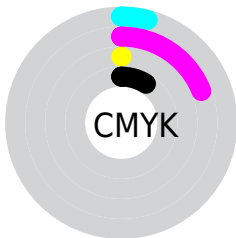
# Distribution



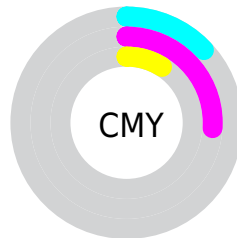
- Red (87%)
- Green (74%)
- Blue (91%)



- Red (87%)
- Yellow (74%)
- Blue (91%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)



- Cyan (13%)
- Magenta (26%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 57.9664, 0.3071, 0.2811 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 57.9664, 0.3071, 0.2811 by changing the saturation by 10% instead.



57.9664, 0.3071,  
0.2811

57.9664, 0.3071,  
0.2811

417.0607, 0.3101,  
0.3033

41.7816, 0.3063,  
0.2760

101.8739, 0.3082,  
0.2888

28.9303, 0.3053,  
0.2697

130.3655, 0.3086,  
0.2918

19.0281, 0.3039,  
0.2618

163.7281, 0.3090,  
0.2944

11.6906, 0.3019,  
0.2514

202.3461, 0.3093,  
0.2966

6.5334, 0.2989,  
0.2373

246.6040, 0.3095,  
0.2986

3.1720, 0.2940,  
0.2172

296.8862, 0.3098,

1.2222, 0.2850,

0.3004

0.1863


353.5769, 0.3100,  
0.3019

 0.0797, 0.2828,  
0.0403


 0.0000, 0.0000,  
0.0000


 57.9664, 0.3071,  
0.2811


 57.9664, 0.3071,  
0.2811


 47.9089, 0.3032,  
0.2544

 69.6650, 0.3103,  
0.3071


 39.4082, 0.2988,  
0.2277

 83.0692, 0.3130,  
0.3317

 32.3834, 0.2937,  
0.2020

 95.7291, 0.3154,  
0.3510

 26.7437, 0.2881,  
0.1784

 96.6639, 0.3187,  
0.3508

■ 22.3876, 0.2821,  
0.1581

■ 97.6260, 0.3221,  
0.3505

■ 19.1999, 0.2759,  
0.1419

■ 98.6155, 0.3254,  
0.3503

■ 17.0443, 0.2698,  
0.1303

■ 98.6615, 0.3256,  
0.3503

■ 15.7148, 0.2638,  
0.1230

■ 15.5852, 0.2631,  
0.1223

# Harmonies

## Analogous

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



57.9664, 0.2756, 0.2730



57.9664, 0.3071, 0.2811



57.9664, 0.3418, 0.3003

# Triad

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



57.9664, 0.3071, 0.2811



57.9664, 0.3730, 0.3783



57.9664, 0.2587, 0.3275

# Complementary

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



57.9664, 0.3071, 0.2811



74.0794, 0.3171, 0.3796

# 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.



57.9664, 0.2826, 0.3602



57.9664, 0.3071, 0.2811



57.9664, 0.3486, 0.3901

# Square

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



57.9664, 0.3071, 0.2811



57.9664, 0.3810, 0.3547



57.9664, 0.3153, 0.3839



57.9664, 0.2489, 0.2975



# Rectangle

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



57.9664, 0.3071, 0.2811



57.9664, 0.3616, 0.3173



57.9664, 0.3153, 0.3839



57.9664, 0.2653, 0.3386

# Sweetspot

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



57.9689, 0.3071, 0.2811



89.9699, 0.3111, 0.3142



57.6755, 0.2822, 0.2897



19.0336, 0.3110, 0.3126



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.



57.9689, 0.3071, 0.2811



65.6761, 0.3055, 0.2698



58.9554, 0.3238, 0.2942



15.1311, 0.3102, 0.3055



8.9040, 0.2640, 0.1228



0.7413, 0.2723, 0.1274



# Inverse Universe

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



57.8456, 0.3415, 0.3180



65.5354, 0.3497, 0.3154



73.2868, 0.3032, 0.3665



15.1101, 0.3257, 0.3237



9.9910, 0.5995, 0.3076



0.7988, 0.5611, 0.2865



# Previews

## White Background



This preview shows how the Yxy color 57.9664, 0.3071, 0.2811 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

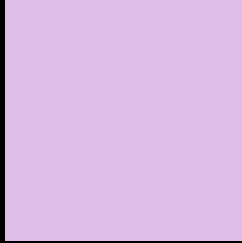
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 57.9664, 0.3071, 0.2811 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

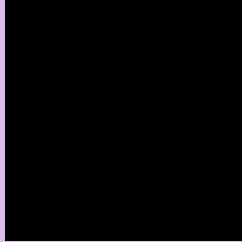
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 57.9664, 0.3071, 0.2811**

## **Background**



This preview shows how black text looks on a background with the Yxy color 57.9664, 0.3071, 0.2811.



This preview shows how white text looks on a background with the Yxy color 57.9664, 0.3071, 0.2811.

# 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

57.9664, 0.3071, 0.2811

### Protanopia

58.2853, 0.2804, 0.2831

### Deuteranopia

58.2852, 0.2941, 0.2882



## Tritanopia

57.7541, 0.3224, 0.3120

# Trichromacy



## Original Color

57.9664, 0.3071, 0.2811

## Protanomaly

57.8411, 0.2893, 0.2816

## Deuteranomaly

57.9632, 0.2993, 0.2854

## Tritanomaly

57.9247, 0.3164, 0.3010

# Monochromacy



## Original Color

57.9664, 0.3071, 0.2811

## Achromatopsia

60.3827, 0.3127, 0.3290

## Achromatomaly

59.6020, 0.3105, 0.3107

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 57.9664, 0.3071, 0.2811 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(223, 189, 233)` looks like.

```
.text, #text, p{  
    color:rgb(223, 189, 233)  
}
```

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(223, 189, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 189, 233) }
```

## Border

The CSS property to change the border of an element to Yxy 57.9664, 0.3071, 0.2811 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(223, 189, 233) }
```

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

```
.border{ border-color:rgb(223, 189, 233) }
```

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

Here you see how a box with a 4 pixel rgb(223, 189, 233) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 189, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 189, 233);  
box-shadow:4px 4px 4px 4px rgb(223, 189,  
233) }
```



# Background

The CSS property to change the background color of an element to Yxy 57.9664, 0.3071, 0.2811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 189, 233) }
```

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

```
.background{ background-color: rgb(223,  
189, 233) }
```

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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