

# Converting Colors

Yxy(53.4285, 0.3114, 0.2881)

Have a look what the booklet for  
Yxy(53.4285, 0.3114, 0.2881)  
contains.

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# Color

**Yxy(53.4285, 0.3114, 0.2881)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D7B7DB
RGB	215, 183, 219
RGB Percent	84%, 72%, 86%
CMY	0.1567, 0.2824, 0.1412
CMYK	0.02, 0.16, 0.00, 0.14
HSL	293°, 33%, 79%
HSV	293°, 16%, 86%
XYZ	57.7495, 53.4285, 74.2732
YIQ	196.6720, 7.5160, 17.9800

# Conversions

## Conversions Part 2

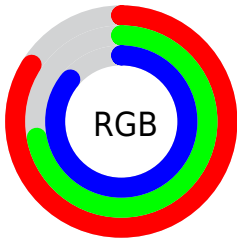
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	215, 183, 219
Decimal	14137307
CIE Lab	78.13, 17.77, -13.77
CIE LCh	78, 22.477, 322.224
Yxy	53.4285, 0.3114, 0.2881
Android (android.graphics.Color)	4292327387 (0xFFD7B7DB)
YUV	196.6720, 11.0077, 16.0737
Hunter-Lab	73.0948, 13.1104, -9.0795

# Details

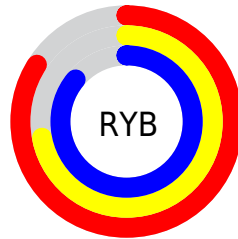
The Yxy color **53.4285, 0.3114, 0.2881** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.6292, 0.3135, 0.3727**, and the grayscale version is **55.5586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **26.1192, 0.3107, 0.2781** is the 20% darker color. If you saturate the color by 10%, you get **44.7287, 0.3102, 0.2624**, and if you desaturate by 10%, it is **63.5436, 0.3123, 0.3133**.

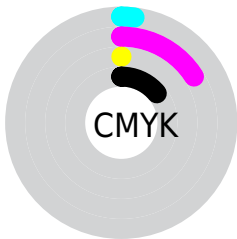
# Distribution



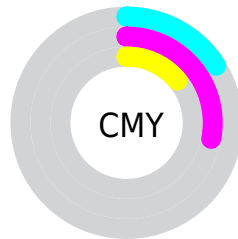
- Red (84%)
- Green (72%)
- Blue (86%)



- Red (84%)
- Yellow (72%)
- Blue (86%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)




- Cyan (16%)
- Magenta (28%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4285, 0.3114, 0.2881 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 53.4285, 0.3114, 0.2881 by changing the saturation by 10% instead.





 53.4285, 0.3114,  
0.2881

 53.4285, 0.3114,  
0.2881


399.9269, 0.3123,  
0.3075

 38.1449, 0.3111,  
0.2836


 95.2346, 0.3118,  
0.2949

 26.0952, 0.3107,  
0.2779


122.5259, 0.3119,  
0.2975

 16.8949, 0.3102,  
0.2707


154.5887, 0.3120,  
0.2998

 10.1596, 0.3093,  
0.2611

191.8072, 0.3121,  
0.3017

 5.5049, 0.3079,  
0.2478

234.5659, 0.3122,  
0.3034

 2.5464, 0.3052,  
0.2281

283.2491, 0.3122,

 0.8998, 0.2995,

0.3049

0.1964

338.2414, 0.3123,  
0.3063

0.0000, 0.2431,  
0.0000

0.0000, 0.0000,  
0.0000

53.4285, 0.3114,  
0.2881

53.4285, 0.3114,  
0.2881

44.7287, 0.3102,  
0.2624

63.5436, 0.3123,  
0.3133

37.3724, 0.3087,  
0.2370

75.1276, 0.3129,  
0.3375

31.2921, 0.3069,  
0.2127

88.2400, 0.3133,  
0.3602

26.4115, 0.3048,  
0.1907

92.5830, 0.3145,  
0.3663

■ 22.6463, 0.3023,  
0.1719

■ 92.9708, 0.3160,  
0.3661

■ 19.9011, 0.2997,  
0.1570

■ 93.3640, 0.3175,  
0.3660

■ 18.0647, 0.2970,  
0.1466

■ 93.7626, 0.3190,  
0.3658

■ 16.9962, 0.2941,  
0.1405

■ 94.1667, 0.3205,  
0.3656

■ 16.7124, 0.2931,  
0.1388

■ 94.5764, 0.3221,  
0.3655

# Harmonies

## Analogous

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



53.4285, 0.2829, 0.2797



53.4285, 0.3114, 0.2881



53.4285, 0.3415, 0.3061

# Triad

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



53.4285, 0.3114, 0.2881



53.4285, 0.3639, 0.3744



53.4285, 0.2635, 0.3246

# Complementary

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



53.4285, 0.3114, 0.2881



64.6292, 0.3135, 0.3727

# 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.



53.4285, 0.2834, 0.3532



53.4285, 0.3114, 0.2881



53.4285, 0.3413, 0.3826

# Square

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



53.4285, 0.3114, 0.2881



53.4285, 0.3726, 0.3547



53.4285, 0.3118, 0.3752



53.4285, 0.2563, 0.2990



# Rectangle

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



53.4285, 0.3114, 0.2881



53.4285, 0.3581, 0.3216



53.4285, 0.3118, 0.3752



53.4285, 0.2688, 0.3343

# Sweetspot

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



53.4308, 0.3114, 0.2881



91.8691, 0.3124, 0.3167



50.8027, 0.2863, 0.2901



19.4283, 0.3123, 0.3150



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.



53.4308, 0.3114, 0.2881



70.6207, 0.3110, 0.2785



53.3387, 0.3255, 0.3036



13.1986, 0.3120, 0.3058



9.9411, 0.2936, 0.1391



0.6652, 0.2983, 0.1417



# Inverse Universe

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



52.5072, 0.3405, 0.3245



69.0785, 0.3484, 0.3234



64.7415, 0.3018, 0.3558



13.0746, 0.3274, 0.3265



8.9770, 0.6263, 0.3224

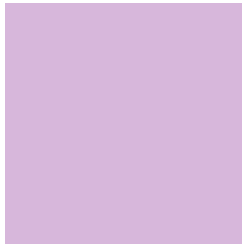


0.5895, 0.5936, 0.3044



# Previews

## White Background



This preview shows how the Yxy color 53.4285, 0.3114, 0.2881 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

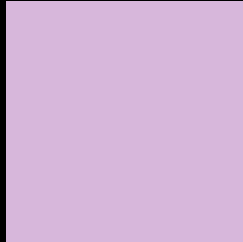
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.4285, 0.3114, 0.2881 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

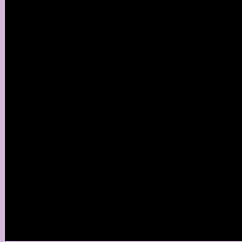
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.4285, 0.3114, 0.2881**

## Background



This preview shows how black text looks on a background with the Yxy color 53.4285, 0.3114, 0.2881.



This preview shows how white text looks on a background with the Yxy color 53.4285, 0.3114, 0.2881.

# 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

53.4285, 0.3114, 0.2881

### Protanopia

53.7003, 0.2854, 0.2896

### Deuteranopia

53.4459, 0.3008, 0.2938



## Tritanopia

53.3319, 0.3227, 0.3115

# Trichromacy



## Original Color

53.4285, 0.3114, 0.2881

## Protanomaly

53.5932, 0.2942, 0.2890

## Deuteranomaly

53.3016, 0.3048, 0.2918

## Tritanomaly

53.3981, 0.3181, 0.3024

# Monochromacy



## Original Color

53.4285, 0.3114, 0.2881

## Achromatopsia

55.8340, 0.3127, 0.3290

## Achromatomaly

54.9444, 0.3126, 0.3136

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.4285, 0.3114, 0.2881 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(215, 183, 219)` looks like.

```
.text, #text, p{  
    color:rgb(215, 183, 219)  
}
```

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(215, 183, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 183, 219) }
```

## Border

The CSS property to change the border of an element to Yxy 53.4285, 0.3114, 0.2881 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(215, 183, 219) }
```

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

```
.border{ border-color:rgb(215, 183, 219) }
```

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

Here you see how a box with a 4 pixel rgb(215, 183, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 183, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 183, 219);  
box-shadow:4px 4px 4px 4px rgb(215, 183,  
219) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.4285, 0.3114, 0.2881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 183, 219) }
```

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

```
.background{ background-color: rgb(215,  
183, 219) }
```

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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