

# Converting Colors

Yxy(54.2381, 0.3131, 0.2819)

Have a look what the booklet for  
Yxy(54.2381, 0.3131, 0.2819)  
contains.

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# Color

**Yxy(54.3673, 0.3133, 0.2824)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DEB6E0
RGB	222, 182, 224
RGB Percent	87%, 71%, 88%
CMY	0.1292, 0.2863, 0.1216
CMYK	0.01, 0.19, 0.00, 0.12
HSL	297°, 40%, 80%
HSV	297°, 19%, 88%
XYZ	60.3161, 54.3673, 77.8353
YIQ	198.7480, 10.3580, 21.5420

# Conversions

## Conversions Part 2

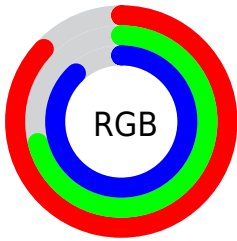
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	222, 182, 224
Decimal	14595808
CIE Lab	78.68, 21.59, -15.59
CIE LCh	79, 26.630, 324.155
Yxy	54.3673, 0.3133, 0.2824
Android (android.graphics.Color)	4292785888 (0xFFDEB6E0)
YUV	198.7480, 12.4492, 20.3920
Hunter-Lab	73.7342, 16.9820, -10.9738

# Details

The Yxy color **54.3673, 0.3133, 0.2824** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.8721, 0.3117, 0.3800**, and the grayscale version is **56.8725, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6291, 0.3135, 0.3127**, and **26.7806, 0.3132, 0.2711** is the 20% darker color. If you saturate the color by 10%, you get **45.7533, 0.3134, 0.2571**, and if you desaturate by 10%, it is **64.4545, 0.3130, 0.3076**.

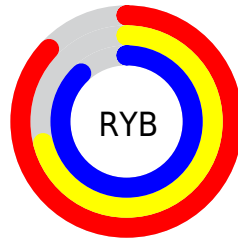
# Distribution



Red (87%)

Green (71%)

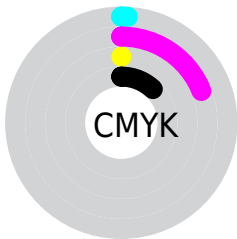
Blue (88%)



Red (87%)

Yellow (71%)

Blue (88%)

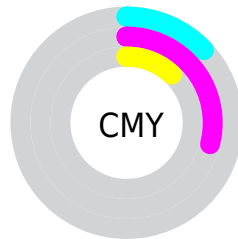


Cyan (1%)

Magenta (19%)

Yellow (0%)

Black (12%)



Cyan (13%)

Magenta (29%)


Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.3673, 0.3133, 0.2824 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 54.3673, 0.3133, 0.2824 by changing the saturation by 10% instead.





 54.3673, 0.3133,  
0.2824

 54.3673, 0.3133,  
0.2824


403.5091, 0.3134,  
0.3043

 38.8954, 0.3132,  
0.2773


 96.6133, 0.3134,  
0.2900

 26.6784, 0.3130,  
0.2711


124.1562, 0.3134,  
0.2930

 17.3318, 0.3127,  
0.2631


156.4916, 0.3134,  
0.2955

 10.4713, 0.3122,  
0.2525

194.0038, 0.3134,  
0.2977

 5.7126, 0.3112,  
0.2381

237.0773, 0.3134,  
0.2997

 2.6711, 0.3092,  
0.2171

286.0964, 0.3134,

 0.9625, 0.3045,

0.3014

0.1841

341.4455, 0.3134,  
0.3029

0.0000, 0.2940,  
0.0000

0.0000, 0.0000,  
0.0000

54.3673, 0.3133,  
0.2824

54.3673, 0.3133,  
0.2824

45.7533, 0.3134,  
0.2571

64.4545, 0.3130,  
0.3076

38.5358, 0.3134,  
0.2326


76.0728, 0.3127,  
0.3320


32.6418, 0.3132,  
0.2097

89.2856, 0.3122,  
0.3552

27.9891, 0.3128,  
0.1895


93.1057, 0.3126,  
0.3609


 24.4859, 0.3122,  
0.1729

 93.2751, 0.3132,  
0.3608


 22.0282, 0.3114,  
0.1604

 93.4455, 0.3139,  
0.3608


 20.4929, 0.3104,  
0.1523

 93.6170, 0.3145,  
0.3607

 19.6929, 0.3093,  
0.1481

 93.7895, 0.3152,  
0.3606

 19.6128, 0.3091,  
0.1477

 93.9630, 0.3159,  
0.3606

# Harmonies

## Analogous

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



54.3673, 0.2796, 0.2718



54.3673, 0.3133, 0.2824



54.3673, 0.3487, 0.3038

# Triad

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



54.3673, 0.3133, 0.2824



54.3673, 0.3715, 0.3832



54.3673, 0.2540, 0.3213

# Complementary

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



54.3673, 0.3133, 0.2824



66.8721, 0.3117, 0.3800

# 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.



54.3673, 0.2763, 0.3555



54.3673, 0.3133, 0.2824



54.3673, 0.3440, 0.3925

# Square

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



54.3673, 0.3133, 0.2824



54.3673, 0.3833, 0.3603



54.3673, 0.3090, 0.3827



54.3673, 0.2468, 0.2919



# Rectangle

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



54.3673, 0.3133, 0.2824



54.3673, 0.3678, 0.3219



54.3673, 0.3090, 0.3827



54.3673, 0.2599, 0.3327

# Sweetspot

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



54.3697, 0.3133, 0.2824



90.4888, 0.3129, 0.3143



49.6438, 0.2819, 0.2804



19.1566, 0.3130, 0.3127



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.



54.3697, 0.3133, 0.2824



67.6035, 0.3134, 0.2712



53.7111, 0.3299, 0.3029



13.9014, 0.3131, 0.3059



11.4305, 0.3093, 0.1478



0.8025, 0.3112, 0.1488



# Inverse Universe

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



52.7571, 0.3476, 0.3268



65.0253, 0.3582, 0.3263



67.4673, 0.2985, 0.3566



13.7108, 0.3285, 0.3279



9.2422, 0.6349, 0.3271

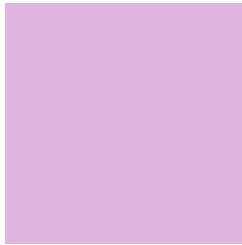


0.6443, 0.6201, 0.3190



# Previews

## White Background



This preview shows how the Yxy color 54.3673, 0.3133, 0.2824 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

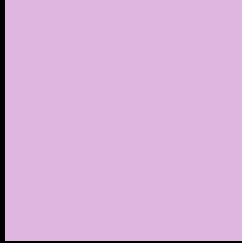
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.3673, 0.3133, 0.2824 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

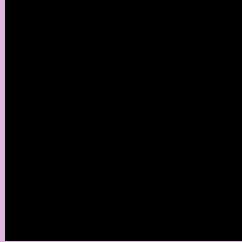
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.3673, 0.3133, 0.2824**

## **Background**



This preview shows how black text looks on a background with the Yxy color 54.3673, 0.3133, 0.2824.



This preview shows how white text looks on a background with the Yxy color 54.3673, 0.3133, 0.2824.

# 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

54.3673, 0.3133, 0.2824

### Protanopia

54.4742, 0.2816, 0.2841

### Deuteranopia

54.5183, 0.2979, 0.2917



## Tritanopia

54.3949, 0.3286, 0.3118

# Trichromacy



## Original Color

54.3673, 0.3133, 0.2824

## Protanomaly

54.2760, 0.2930, 0.2838

## Deuteranomaly

54.4237, 0.3035, 0.2878

## Tritanomaly

54.5170, 0.3231, 0.3018

# Monochromacy



## Original Color

54.3673, 0.3133, 0.2824

## Achromatopsia

57.1125, 0.3127, 0.3290

## Achromatomaly

55.9594, 0.3127, 0.3115

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.3673, 0.3133, 0.2824 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(222, 182, 224)` looks like.

```
.text, #text, p{  
    color:rgb(222, 182, 224)  
}
```

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(222, 182, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 182, 224) }
```

## Border

The CSS property to change the border of an element to Yxy 54.3673, 0.3133, 0.2824 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(222, 182, 224) }
```

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

```
.border{ border-color:rgb(222, 182, 224) }
```

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

Here you see how a box with a 4 pixel rgb(222, 182, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 182, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 182, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 182,  
224) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.3673, 0.3133, 0.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 182, 224) }
```

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

```
.background{ background-color: rgb(222,  
182, 224) }
```

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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