

# Converting Colors

Yxy(54.6862, 0.3292, 0.3060)

Have a look what the booklet for  
Yxy(54.6862, 0.3292, 0.3060)  
contains.

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# Color

**Yxy(54.7937, 0.3288, 0.3064)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DFB9CD
RGB	223, 185, 205
RGB Percent	87%, 73%, 80%
CMY	0.1255, 0.2745, 0.1961
CMYK	0.00, 0.17, 0.08, 0.13
HSL	328°, 37%, 80%
HSV	328°, 17%, 87%
XYZ	58.7995, 54.7937, 65.2374
YIQ	198.6420, 16.2280, 14.2760

# Conversions

## Conversions Part 2

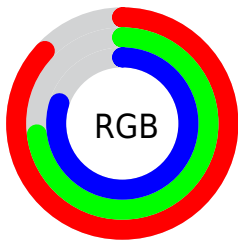
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 185, 205
Decimal	14662093
CIE Lab	78.92, 16.89, -4.95
CIE LCh	79, 17.600, 343.673
Yxy	54.7937, 0.3288, 0.3064
Android (android.graphics.Color)	4292852173 (0xFFDFB9CD)
YUV	198.6420, 3.1345, 21.3620
Hunter-Lab	74.0228, 12.2505, -0.4373

# Details

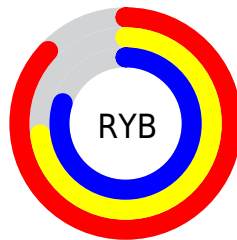
The Yxy color **54.7937, 0.3288, 0.3064** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.4010, 0.2992, 0.3528**, and the grayscale version is **56.8577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **27.0617, 0.3333, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **45.6929, 0.3408, 0.2924**, and if you desaturate by 10%, it is **65.3971, 0.3187, 0.3199**.

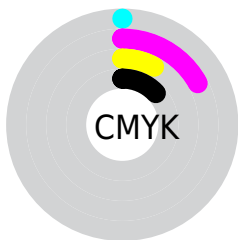
# Distribution



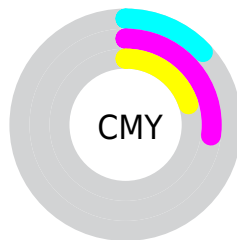
- Red (87%)
- Green (73%)
- Blue (80%)



- Red (87%)
- Yellow (73%)
- Blue (80%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.7937, 0.3288, 0.3064 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 54.7937, 0.3288, 0.3064 by changing the saturation by 10% instead.





 54.7937, 0.3288,  
0.3064

 54.7937, 0.3288,  
0.3064


405.1294, 0.3211,  
0.3172

 39.2366, 0.3306,  
0.3038


 97.2386, 0.3261,  
0.3102

 26.9438, 0.3330,  
0.3006


124.8952, 0.3250,  
0.3117

 17.5310, 0.3360,  
0.2965


157.3538, 0.3241,  
0.3129

 10.6138, 0.3400,  
0.2909

194.9986, 0.3233,  
0.3140

 5.8078, 0.3458,  
0.2831

238.2143, 0.3227,  
0.3150

 2.7286, 0.3546,  
0.2712

287.3850, 0.3221,

 0.9917, 0.3698,

0.3158

0.2511

342.8953, 0.3215,  
0.3165

0.0000, 0.5805,  
0.0000

0.0000, 0.0000,  
0.0000

54.7937, 0.3288,  
0.3064

54.7937, 0.3288,  
0.3064

45.6929, 0.3408,  
0.2924

65.3971, 0.3187,  
0.3199

38.0186, 0.3551,  
0.2783

77.5600, 0.3104,  
0.3327

31.6993, 0.3718,  
0.2649

91.3452, 0.3035,  
0.3446

26.6540, 0.3909,  
0.2530

93.9384, 0.2977,  
0.3368

■ 22.7932, 0.4122,  
0.2438

■ 94.4276, 0.2935,  
0.3289

■ 20.0156, 0.4349,  
0.2386

■ 18.2027, 0.4581,  
0.2384

■ 17.1998, 0.4806,  
0.2437

■ 16.9812, 0.4872,  
0.2458

# Harmonies

## Analogous

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



54.7937, 0.3051, 0.2940



54.7937, 0.3288, 0.3064



54.7937, 0.3486, 0.3244

# Triad

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



54.7937, 0.3288, 0.3064



54.7937, 0.3409, 0.3699



54.7937, 0.2689, 0.3111

# Complementary

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



54.7937, 0.3288, 0.3064



67.4010, 0.2992, 0.3528

# 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.



54.7937, 0.2778, 0.3322



54.7937, 0.3288, 0.3064



54.7937, 0.3189, 0.3673

# Square

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



54.7937, 0.3288, 0.3064



54.7937, 0.3556, 0.3609



54.7937, 0.2959, 0.3533



54.7937, 0.2713, 0.2960



# Rectangle

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



54.7937, 0.3288, 0.3064



54.7937, 0.3566, 0.3376



54.7937, 0.2959, 0.3533



54.7937, 0.2707, 0.3177

# Sweetspot

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



54.7961, 0.3288, 0.3064



91.7504, 0.3170, 0.3225



52.6875, 0.2985, 0.2848



19.3995, 0.3176, 0.3216



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.



54.7961, 0.3288, 0.3064



70.2066, 0.3323, 0.3021



53.9449, 0.3442, 0.3276



13.8205, 0.3210, 0.3167



10.0079, 0.4840, 0.2440



0.7118, 0.4520, 0.2264



# Inverse Universe

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



54.7961, 0.3288, 0.3064



70.2066, 0.3323, 0.3021



68.3488, 0.2878, 0.3304



13.8205, 0.3210, 0.3167



10.0079, 0.4840, 0.2440



0.7118, 0.4520, 0.2264



# Previews

## White Background



This preview shows how the Yxy color 54.7937, 0.3288, 0.3064 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

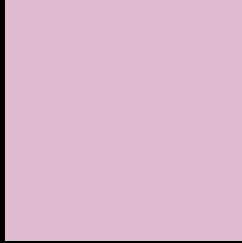
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.7937, 0.3288, 0.3064 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

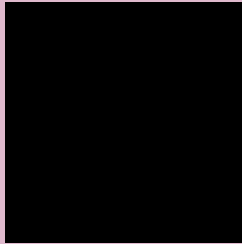
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 54.7937, 0.3288, 0.3064**

## Background



This preview shows how black text looks on a background with the Yxy color 54.7937, 0.3288, 0.3064.



This preview shows how white text looks on a background with the Yxy color 54.7937, 0.3288, 0.3064.

# 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

54.7937, 0.3288, 0.3064

### Protanopia

54.8888, 0.3011, 0.3086

### Deuteranopia

55.0354, 0.3192, 0.3127



## Tritanopia

54.8175, 0.3319, 0.3131

# Trichromacy



## Original Color

54.7937, 0.3288, 0.3064

## Protanomaly

54.8442, 0.3105, 0.3078

## Deuteranomaly

54.7731, 0.3226, 0.3105

## Tritanomaly

54.9117, 0.3303, 0.3108

# Monochromacy



## Original Color

54.7937, 0.3288, 0.3064

## Achromatopsia

57.1125, 0.3127, 0.3290

## Achromatomaly

56.2105, 0.3187, 0.3208

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.7937, 0.3288, 0.3064 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, 185, 205)` looks like.

```
.text, #text, p{  
    color:rgb(223, 185, 205)  
}
```

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, 185, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 185, 205) }
```

## Border

The CSS property to change the border of an element to Yxy 54.7937, 0.3288, 0.3064 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, 185, 205) }
```

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

```
.border{ border-color:rgb(223, 185, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 185, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 185, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 185, 205);  
box-shadow:4px 4px 4px 4px rgb(223, 185,  
205) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.7937, 0.3288, 0.3064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 185, 205) }
```

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

```
.background{ background-color: rgb(223,  
185, 205) }
```

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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