

Converting Colors

$Y_{xy}(54.0953, 0.3306, 0.3105)$

Have a look what the booklet for
Yxy(54.0953, 0.3306, 0.3105)
contains.

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Color

Yxy(54.2871, 0.3304, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	DDB9C9
RGB	221, 185, 201
RGB Percent	87%, 73%, 79%
CMY	0.1333, 0.2745, 0.2119
CMYK	0.00, 0.16, 0.09, 0.13
HSL	333°, 35%, 80%
HSV	333°, 16%, 87%
XYZ	57.7106, 54.2871, 62.6712
YIQ	197.5880, 16.3200, 12.6080

Conversions

Conversions Part 2

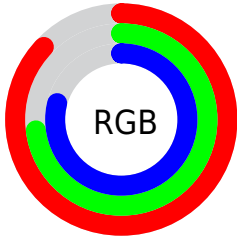
Format	Color
R _Y B	221, 185, 201
Decimal	14531017
CIE Lab	78.63, 15.51, -3.21
CIE LCh	79, 15.838, 348.294
Yxy	54.2871, 0.3304, 0.3108
Android (android.graphics.Color)	4292721097 (0xFFDDB9C9)
YUV	197.5880, 1.6821, 20.5323
Hunter-Lab	73.6798, 10.8727, 1.1444

Details

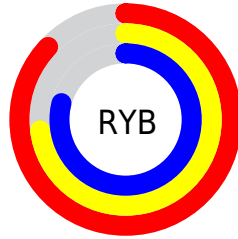
The Yxy color $54.2871, 0.3304, 0.3108$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $66.4478, 0.2979, 0.3480$, and the grayscale version is $56.1923, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $26.7161, 0.3354, 0.3065$ is the 20% darker color. If you saturate the color by 10%, you get $45.1935, 0.3443, 0.2990$, and if you desaturate by 10%, it is $64.8693, 0.3189, 0.3222$.

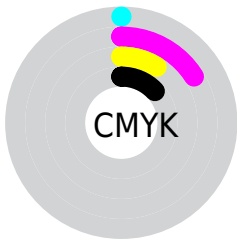
Distribution



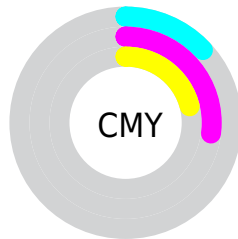
- Red (87%)
- Green (73%)
- Blue (79%)



- Red (87%)
- Yellow (73%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (27%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2871, 0.3304, 0.3108 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 54.2871, 0.3304, 0.3108 by changing the saturation by 10% instead.


 54.2871, 0.3304,
0.3108

 54.2871, 0.3304,
0.3108


403.2039, 0.3218,
0.3196

 38.8312, 0.3325,
0.3087


 96.4957, 0.3273,
0.3139

 26.6285, 0.3351,
0.3061


124.0171, 0.3262,
0.3151

 17.2944, 0.3384,
0.3027


156.3293, 0.3252,
0.3161

 10.4446, 0.3430,
0.2981


193.8165, 0.3243,
0.3170

 5.6947, 0.3496,
0.2915

236.8632, 0.3236,
0.3178

 2.6604, 0.3599,
0.2815

285.8537, 0.3229,

 0.9571, 0.3779,

0.3184

0.2641

341.1725, 0.3224,
0.3190

0.0000, 0.7978,
0.0000

0.0000, 0.0000,
0.0000

54.2871, 0.3304,
0.3108

54.2871, 0.3304,
0.3108

45.1935, 0.3443,
0.2990

64.8693, 0.3189,
0.3222

37.5140, 0.3610,
0.2870

76.9960, 0.3094,
0.3329

31.1785, 0.3808,
0.2755

90.7287, 0.3016,
0.3428

26.1081, 0.4037,
0.2655

93.8093, 0.2949,
0.3338

■ 22.2153, 0.4295,
0.2579

■ 94.1150, 0.2923,
0.3289

■ 19.4015, 0.4573,
0.2542

■ 17.5517, 0.4857,
0.2554

■ 16.5220, 0.5129,
0.2621

■ 16.2557, 0.5227,
0.2653

Harmonies

Analogous

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



54.2871, 0.3092, 0.2986



54.2871, 0.3304, 0.3108



54.2871, 0.3472, 0.3277

Triad

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



54.2871, 0.3304, 0.3108



54.2871, 0.3355, 0.3662



54.2871, 0.2727, 0.3104

Complementary

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



54.2871, 0.3304, 0.3108



66.4478, 0.2979, 0.3480

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.



54.2871, 0.2793, 0.3289



54.2871, 0.3304, 0.3108



54.2871, 0.3151, 0.3621

Square

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



54.2871, 0.3304, 0.3108



54.2871, 0.3500, 0.3597



54.2871, 0.2946, 0.3482



54.2871, 0.2764, 0.2978

Rectangle

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



54.2871, 0.3304, 0.3108



54.2871, 0.3533, 0.3397



54.2871, 0.2946, 0.3482



54.2871, 0.2738, 0.3161

Sweetspot

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



54.2895, 0.3304, 0.3108



91.6843, 0.3176, 0.3236



52.8730, 0.3016, 0.2872



19.3835, 0.3183, 0.3228



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.



54.2895, 0.3304, 0.3108



69.9697, 0.3355, 0.3063



54.3354, 0.3432, 0.3312



13.1469, 0.3223, 0.3187



9.4635, 0.5189, 0.2632



0.6302, 0.4785, 0.2410

Inverse Universe

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



54.2895, 0.3304, 0.3108



69.9697, 0.3355, 0.3063



66.3127, 0.2881, 0.3268



13.1469, 0.3223, 0.3187



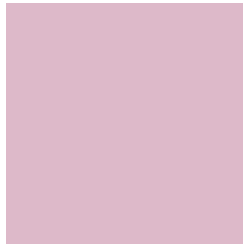
9.4635, 0.5189, 0.2632



0.6302, 0.4785, 0.2410

Previews

White Background



This preview shows how the Yxy color 54.2871, 0.3304, 0.3108 looks on a white background.

Color Contrast Check

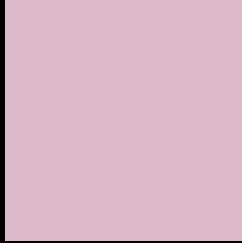
Large Text (above 18pt) WCAG AA × Fail

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 54.2871, 0.3304, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

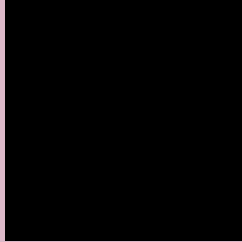
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2871, 0.3304, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 54.2871, 0.3304, 0.3108.



This preview shows how white text looks on a background with the Yxy color 54.2871, 0.3304, 0.3108.

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

54.2871, 0.3304, 0.3108

Protanopia

54.6419, 0.3047, 0.3145

Deuteranopia

54.4142, 0.3224, 0.3161



Tritanopia

54.2402, 0.3312, 0.3119

Trichromacy



Original Color

54.2871, 0.3304, 0.3108

Protanomaly

54.4586, 0.3134, 0.3136

Deuteranomaly

54.5836, 0.3258, 0.3151

Tritanomaly

54.2402, 0.3312, 0.3119

Monochromacy



Original Color

54.2871, 0.3304, 0.3108

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.3853, 0.3187, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2871, 0.3304, 0.3108 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(221, 185, 201)` looks like.

```
.text, #text, p{  
    color:rgb(221, 185, 201)  
}
```

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(221, 185, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 185, 201) }
```

Border

The CSS property to change the border of an element to Yxy 54.2871, 0.3304, 0.3108 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(221, 185, 201) }
```

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

```
.border{ border-color:rgb(221, 185, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 185, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 185, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 185, 201);  
box-shadow:4px 4px 4px 4px rgb(221, 185,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2871, 0.3304, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 185, 201) }
```

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

```
.background{ background-color: rgb(221,  
185, 201) }
```

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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