

Converting Colors

$Y_{xy}(53.7716, 0.3317, 0.3078)$

Have a look what the booklet for
Yxy(53.7716, 0.3317, 0.3078)
contains.

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Color

Yxy(53.8192, 0.3315, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	DFB7CA
RGB	223, 183, 202
RGB Percent	87%, 72%, 79%
CMY	0.1253, 0.2824, 0.2077
CMYK	0.00, 0.18, 0.09, 0.13
HSL	331°, 39%, 80%
HSV	331°, 18%, 87%
XYZ	58.0386, 53.8192, 63.2209
YIQ	197.1260, 17.7410, 14.3890

Conversions

Conversions Part 2

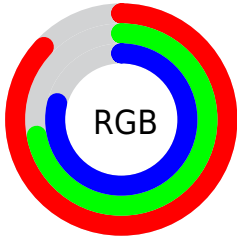
Format	Color
R _Y B	223, 183, 202
Decimal	14661578
CIE Lab	78.36, 17.48, -4.17
CIE LCh	78, 17.975, 346.591
Yxy	53.8192, 0.3315, 0.3074
Android (android.graphics.Color)	4292851658 (0xFFDFB7CA)
YUV	197.1260, 2.4029, 22.6915
Hunter-Lab	73.3616, 12.8341, 0.2587

Details

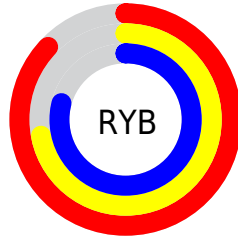
The Yxy color **53.8192, 0.3315, 0.3074** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2265, 0.2973, 0.3517**, and the grayscale version is **55.8963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **26.3189, 0.3358, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **44.8052, 0.3450, 0.2947**, and if you desaturate by 10%, it is **64.3380, 0.3203, 0.3197**.

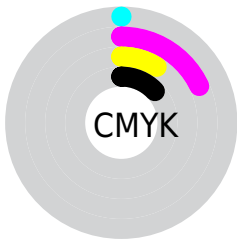
Distribution



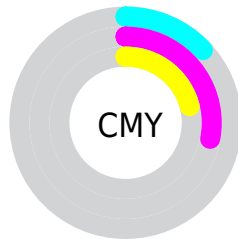
- Red (87%)
- Green (72%)
- Blue (79%)



- Red (87%)
- Yellow (72%)
- Blue (79%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.8192, 0.3315, 0.3074 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 53.8192, 0.3315, 0.3074 by changing the saturation by 10% instead.

 53.8192, 0.3315,
0.3074

 53.8192, 0.3315,
0.3074

401.4202, 0.3224,
0.3178

 38.4571, 0.3337,
0.3049


 95.8087, 0.3283,
0.3111

 26.3377, 0.3364,
0.3018


123.2050, 0.3270,
0.3125

 17.0764, 0.3400,
0.2978


155.3814, 0.3260,
0.3137

 10.2890, 0.3449,
0.2924

192.7224, 0.3251,
0.3147

 5.5910, 0.3518,
0.2847

235.6124, 0.3243,
0.3156

 2.5980, 0.3626,
0.2729

284.4358, 0.3236,

 0.9257, 0.3815,

0.3164

0.2528

339.5769, 0.3230,
0.3171

0.0000, 0.7313,
0.0000

0.0000, 0.0000,
0.0000

53.8192, 0.3315,
0.3074

53.8192, 0.3315,
0.3074

44.8052, 0.3450,
0.2947

64.3380, 0.3203,
0.3197

37.2195, 0.3612,
0.2819

76.4192, 0.3110,
0.3313

30.9893, 0.3802,
0.2698

90.1265, 0.3033,
0.3421

26.0328, 0.4020,
0.2593

94.0454, 0.2968,
0.3352

■ 22.2593, 0.4264,
0.2516

■ 94.4356, 0.2935,
0.3289

■ 19.5657, 0.4524,
0.2479

■ 17.8310, 0.4788,
0.2494

■ 16.8853, 0.5040,
0.2562

■ 16.7363, 0.5091,
0.2578

Harmonies

Analogous

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



53.8192, 0.3072, 0.2940



53.8192, 0.3315, 0.3074



53.8192, 0.3512, 0.3262

Triad

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



53.8192, 0.3315, 0.3074



53.8192, 0.3397, 0.3713



53.8192, 0.2675, 0.3087

Complementary

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



53.8192, 0.3315, 0.3074



67.2265, 0.2973, 0.3517

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.



53.8192, 0.2755, 0.3300



53.8192, 0.3315, 0.3074



53.8192, 0.3167, 0.3675

Square

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



53.8192, 0.3315, 0.3074



53.8192, 0.3558, 0.3631



53.8192, 0.2933, 0.3521



53.8192, 0.2710, 0.2941

Rectangle

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



53.8192, 0.3315, 0.3074



53.8192, 0.3586, 0.3398



53.8192, 0.2933, 0.3521



53.8192, 0.2689, 0.3153

Sweetspot

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



53.8216, 0.3315, 0.3074



91.7097, 0.3173, 0.3232



51.9836, 0.2992, 0.2825



19.3897, 0.3180, 0.3223



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.



53.8216, 0.3315, 0.3074



67.5278, 0.3369, 0.3021



53.2505, 0.3473, 0.3299



13.8085, 0.3218, 0.3179



9.8584, 0.5056, 0.2559



0.7013, 0.4697, 0.2361

Inverse Universe

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



53.8216, 0.3315, 0.3074



67.5278, 0.3369, 0.3021



67.8406, 0.2857, 0.3281



13.8085, 0.3218, 0.3179



9.8584, 0.5056, 0.2559



0.7013, 0.4697, 0.2361

Previews

White Background



This preview shows how the Yxy color 53.8192, 0.3315, 0.3074 looks on a white background.

Color Contrast Check

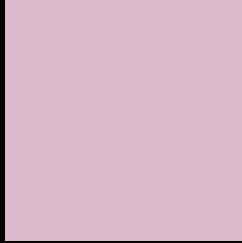
Large Text (above 18pt) WCAG AA × Fail

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 53.8192, 0.3315, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

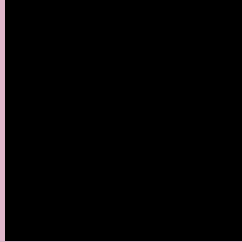
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8192, 0.3315, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 53.8192, 0.3315, 0.3074.



This preview shows how white text looks on a background with the Yxy color 53.8192, 0.3315, 0.3074.

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

53.8192, 0.3315, 0.3074

Protanopia

54.0315, 0.3017, 0.3109

Deuteranopia

53.8851, 0.3209, 0.3138



Tritanopia

54.0462, 0.3346, 0.3131

Trichromacy



Original Color

53.8192, 0.3315, 0.3074

Protanomaly

53.6888, 0.3120, 0.3089

Deuteranomaly

53.7819, 0.3252, 0.3116

Tritanomaly

54.0925, 0.3338, 0.3120

Monochromacy



Original Color

53.8192, 0.3315, 0.3074

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.9446, 0.3188, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8192, 0.3315, 0.3074 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, 183, 202)` looks like.

```
.text, #text, p{  
    color:rgb(223, 183, 202)  
}
```

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, 183, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 183, 202) }
```

Border

The CSS property to change the border of an element to Yxy 53.8192, 0.3315, 0.3074 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, 183, 202) }
```

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

```
.border{ border-color:rgb(223, 183, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 183, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 183, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 183, 202);  
box-shadow:4px 4px 4px 4px rgb(223, 183,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8192, 0.3315, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 183, 202) }
```

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

```
.background{ background-color: rgb(223,  
183, 202) }
```

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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