

Converting Colors

Yxy(53.3310, 0.3345, 0.3101)

Have a look what the booklet for
Yxy(53.3310, 0.3345, 0.3101)
contains.

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Color

Yxy(53.2674, 0.3341, 0.3097)

Conversions

Conversions Part 1

Format	Color
Hex	DFB6C7
RGB	223, 182, 199
RGB Percent	87%, 71%, 78%
CMY	0.1255, 0.2862, 0.2197
CMYK	0.00, 0.18, 0.11, 0.13
HSL	335°, 39%, 79%
HSV	335°, 18%, 87%
XYZ	57.4641, 53.2674, 61.2652
YIQ	196.1970, 18.9790, 13.9790

Conversions

Conversions Part 2

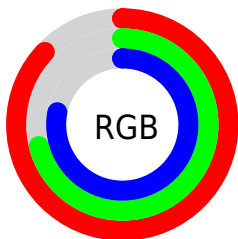
Format	Color
R _Y B	223, 182, 199
Decimal	14661319
CIE Lab	78.03, 17.48, -2.99
CIE LCh	78, 17.729, 350.298
Yxy	53.2674, 0.3341, 0.3097
Android (android.graphics.Color)	4292851399 (0xFFDFB6C7)
YUV	196.1970, 1.3819, 23.5062
Hunter-Lab	72.9845, 12.8185, 1.3195

Details

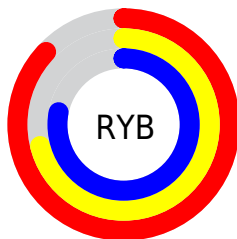
The Yxy color $53.2674, 0.3341, 0.3097$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $67.1783, 0.2954, 0.3492$, and the grayscale version is $55.3096, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.6291, 0.3135, 0.3127$, and $25.9603, 0.3394, 0.3049$ is the 20% darker color. If you saturate the color by 10%, you get $44.2697, 0.3494, 0.2986$, and if you desaturate by 10%, it is $63.7765, 0.3215, 0.3205$.

Distribution



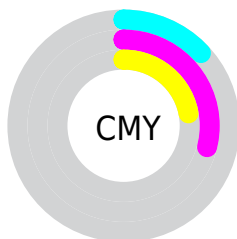
- Red (87%)
- Green (71%)
- Blue (78%)



- Red (87%)
- Yellow (71%)
- Blue (78%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (13%)




- Cyan (13%)
- Magenta (29%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.2674, 0.3341, 0.3097 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 53.2674, 0.3341, 0.3097 by changing the saturation by 10% instead.

 53.2674, 0.3341,
0.3097

 53.2674, 0.3341,
0.3097


399.3102, 0.3237,
0.3190

 38.0163, 0.3366,
0.3075


 94.9977, 0.3304,
0.3130

 25.9953, 0.3398,
0.3047


122.2457, 0.3290,
0.3143

 16.8201, 0.3439,
0.3010


154.2615, 0.3278,
0.3154

 10.1063, 0.3496,
0.2960

191.4293, 0.3267,
0.3163

 5.4695, 0.3577,
0.2890

234.1338, 0.3258,
0.3171

 2.5253, 0.3705,
0.2781

282.7591, 0.3250,

 0.8893, 0.3932,

0.3178

0.2591

337.6898, 0.3243,
0.3185

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.2674, 0.3341,
0.3097

53.2674, 0.3341,
0.3097

44.2697, 0.3494,
0.2986

63.7765, 0.3215,
0.3205

36.7061, 0.3677,
0.2874

75.8551, 0.3112,
0.3306

30.5036, 0.3894,
0.2769

89.5673, 0.3027,
0.3400

25.5795, 0.4145,
0.2679

94.1891, 0.2955,
0.3327

■ 21.8422, 0.4425,
0.2617

■ 94.4275, 0.2935,
0.3289

■ 19.1876, 0.4725,
0.2596

■ 17.4935, 0.5025,
0.2626

■ 16.5808, 0.5307,
0.2707

■ 16.4647, 0.5351,
0.2722

Harmonies

Analogous

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



53.2674, 0.3103, 0.2956



53.2674, 0.3341, 0.3097



53.2674, 0.3525, 0.3287

Triad

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



53.2674, 0.3341, 0.3097



53.2674, 0.3369, 0.3711



53.2674, 0.2678, 0.3067

Complementary

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



53.2674, 0.3341, 0.3097



67.1783, 0.2954, 0.3492

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.



53.2674, 0.2743, 0.3273



53.2674, 0.3341, 0.3097



53.2674, 0.3137, 0.3658

Square

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



53.2674, 0.3341, 0.3097



53.2674, 0.3540, 0.3643



53.2674, 0.2909, 0.3493



53.2674, 0.2726, 0.2933

Rectangle

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



53.2674, 0.3341, 0.3097



53.2674, 0.3589, 0.3422



53.2674, 0.2909, 0.3493



53.2674, 0.2687, 0.3130

Sweetspot

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



53.2698, 0.3341, 0.3097



90.0593, 0.3189, 0.3229



51.8981, 0.3011, 0.2816



19.0550, 0.3196, 0.3222



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.



53.2698, 0.3341, 0.3097



67.3407, 0.3395, 0.3055



53.9419, 0.3477, 0.3331



13.7941, 0.3227, 0.3193



9.7026, 0.5313, 0.2701



0.6900, 0.4913, 0.2480

Inverse Universe

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



53.2698, 0.3341, 0.3097



67.3407, 0.3395, 0.3055



66.2409, 0.2850, 0.3249



13.7941, 0.3227, 0.3193



9.7026, 0.5313, 0.2701



0.6900, 0.4913, 0.2480

Previews

White Background



This preview shows how the Yxy color 53.2674, 0.3341, 0.3097 looks on a white background.

Color Contrast Check

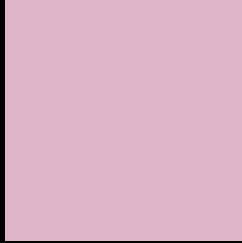
Large Text (above 18pt) WCAG AA × Fail

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 53.2674, 0.3341, 0.3097 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 53.2674, 0.3341, 0.3097

Background



This preview shows how black text looks on a background with the Yxy color 53.2674, 0.3341, 0.3097.



This preview shows how white text looks on a background with the Yxy color 53.2674, 0.3341, 0.3097.

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

53.2674, 0.3341, 0.3097

Protanopia

53.4445, 0.3039, 0.3132

Deuteranopia

53.3195, 0.3233, 0.3161



Tritanopia

53.1751, 0.3357, 0.3119

Trichromacy



Original Color

53.2674, 0.3341, 0.3097

Protanomaly

53.1156, 0.3144, 0.3112

Deuteranomaly

53.2222, 0.3277, 0.3139

Tritanomaly

53.2211, 0.3349, 0.3108

Monochromacy



Original Color

53.2674, 0.3341, 0.3097

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.4146, 0.3204, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2674, 0.3341, 0.3097 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, 182, 199)` looks like.

```
.text, #text, p{  
    color:rgb(223, 182, 199)  
}
```

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, 182, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 182, 199) }
```

Border

The CSS property to change the border of an element to Yxy 53.2674, 0.3341, 0.3097 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, 182, 199) }
```

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

```
.border{ border-color:rgb(223, 182, 199) }
```

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

Here you see how a box with a 4 pixel rgb(223, 182, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 182, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 182, 199);  
box-shadow:4px 4px 4px 4px rgb(223, 182,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2674, 0.3341, 0.3097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 182, 199) }
```

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

```
.background{ background-color: rgb(223,  
182, 199) }
```

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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