

Converting Colors

Yxy(53.7811, 0.3175, 0.3018)

Have a look what the booklet for
Yxy(53.7811, 0.3175, 0.3018)
contains.

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Color

Yxy(53.8674, 0.3173, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	D5BAD1
RGB	213, 186, 209
RGB Percent	84%, 73%, 82%
CMY	0.1645, 0.2707, 0.1804
CMYK	0.00, 0.13, 0.02, 0.16
HSL	309°, 24%, 78%
HSV	309°, 13%, 84%
XYZ	56.5216, 53.8674, 67.7440
YIQ	196.6950, 8.7090, 12.8770

Conversions

Conversions Part 2

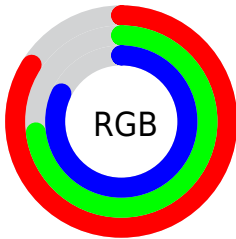
Format	Color
R_{YB}	213, 186, 209
Decimal	14006993
CIE _{Lab}	78.38, 13.63, -8.01
CIE _{LCh}	78, 15.812, 329.574
Yxy	53.8674, 0.3173, 0.3024
Android (android.graphics.Color)	4292197073 (0xFFD5BAD1)
YUV	196.6950, 6.0664, 14.2995
Hunter-Lab	73.3944, 9.0239, -3.3493

Details

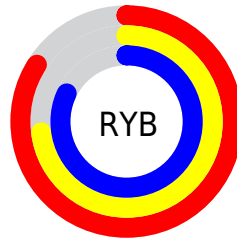
The Yxy color **53.8674, 0.3173, 0.3024** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.7756, 0.3084, 0.3571**, and the grayscale version is **55.6052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9843, 0.3133, 0.3165**, and **26.4107, 0.3176, 0.2953** is the 20% darker color. If you saturate the color by 10%, you get **45.3965, 0.3215, 0.2808**, and if you desaturate by 10%, it is **63.6846, 0.3136, 0.3235**.

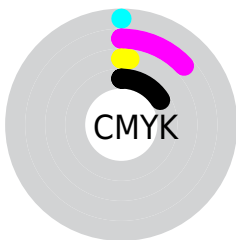
Distribution



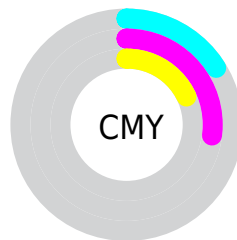
- Red (84%)
- Green (73%)
- Blue (82%)



- Red (84%)
- Yellow (73%)
- Blue (82%)



- Cyan (0%)
- Magenta (13%)
- Yellow (2%)
- Black (16%)




- Cyan (16%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.8674, 0.3173, 0.3024 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 53.8674, 0.3173, 0.3024 by changing the saturation by 10% instead.


 53.8674, 0.3173,
0.3024

 53.8674, 0.3173,
0.3024


401.6042, 0.3152,
0.3151

 38.4957, 0.3178,
0.2994


 95.8795, 0.3166,
0.3069

 26.3676, 0.3184,
0.2956


123.2887, 0.3163,
0.3086

 17.0989, 0.3191,
0.2907

155.4791, 0.3160,
0.3101

 10.3050, 0.3201,
0.2842

192.8352, 0.3158,
0.3114

 5.6016, 0.3214,
0.2750

235.7414, 0.3156,
0.3125

 2.6044, 0.3232,
0.2611

284.5820, 0.3155,

 0.9289, 0.3257,

0.3135

0.2377

339.7415, 0.3153,
0.3143

0.0000, 0.3085,
0.0000

0.0000, 0.0000,
0.0000

53.8674, 0.3173,
0.3024

53.8674, 0.3173,
0.3024

45.3965, 0.3215,
0.2808

63.6846, 0.3136,
0.3235

38.2058, 0.3262,
0.2592

74.8964, 0.3104,
0.3435

32.2341, 0.3313,
0.2385

87.5574, 0.3077,
0.3624

27.4127, 0.3368,
0.2194

90.9367, 0.3058,
0.3641

■ 23.6656, 0.3426,
0.2031

■ 91.1091, 0.3040,
0.3606

■ 20.9081, 0.3484,
0.1904

■ 91.2848, 0.3022,
0.3572

■ 19.0426, 0.3540,
0.1820

■ 91.4638, 0.3005,
0.3537

■ 17.9515, 0.3594,
0.1781

■ 91.6460, 0.2987,
0.3503

■ 17.4982, 0.3632,
0.1775

■ 91.8316, 0.2970,
0.3469

Harmonies

Analogous

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



53.8674, 0.2964, 0.2945



53.8674, 0.3173, 0.3024



53.8674, 0.3376, 0.3168

Triad

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



53.8674, 0.3173, 0.3024



53.8674, 0.3456, 0.3633



53.8674, 0.2756, 0.3215

Complementary

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



53.8674, 0.3173, 0.3024



61.7756, 0.3084, 0.3571

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.



53.8674, 0.2880, 0.3413



53.8674, 0.3173, 0.3024



53.8674, 0.3282, 0.3660

Square

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



53.8674, 0.3173, 0.3024



53.8674, 0.3542, 0.3515



53.8674, 0.3071, 0.3579



53.8674, 0.2729, 0.3047

Rectangle

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



53.8674, 0.3173, 0.3024



53.8674, 0.3477, 0.3284



53.8674, 0.3071, 0.3579



53.8674, 0.2788, 0.3280

Sweetspot

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



53.8697, 0.3173, 0.3024



93.5659, 0.3141, 0.3207



50.8127, 0.2954, 0.2960



19.7761, 0.3144, 0.3191



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.



53.8697, 0.3173, 0.3024



77.6136, 0.3183, 0.2972



53.2474, 0.3276, 0.3174



12.5993, 0.3160, 0.3094



10.6938, 0.3625, 0.1771



0.6539, 0.3542, 0.1725

Inverse Universe

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



53.8697, 0.3173, 0.3024



77.6136, 0.3183, 0.2972



62.3743, 0.2998, 0.3409



12.5993, 0.3160, 0.3094



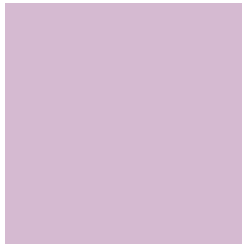
10.6938, 0.3625, 0.1771



0.6539, 0.3542, 0.1725

Previews

White Background



This preview shows how the Yxy color 53.8674, 0.3173, 0.3024 looks on a white background.

Color Contrast Check

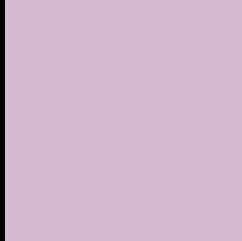
Large Text (above 18pt) WCAG AA × Fail

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 53.8674, 0.3173, 0.3024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

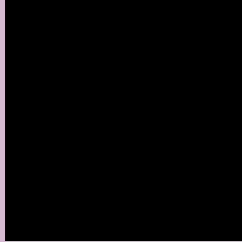
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.8674, 0.3173, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 53.8674, 0.3173, 0.3024.



This preview shows how white text looks on a background with the Yxy color 53.8674, 0.3173, 0.3024.

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

53.8674, 0.3173, 0.3024

Protanopia

54.1505, 0.2974, 0.3049

Deuteranopia

53.6917, 0.3114, 0.3043



Tritanopia

53.8020, 0.3218, 0.3115

Trichromacy



Original Color

53.8674, 0.3173, 0.3024

Protanomaly

53.8597, 0.3044, 0.3029

Deuteranomaly

53.6994, 0.3139, 0.3033

Tritanomaly

53.9455, 0.3195, 0.3081

Monochromacy



Original Color

53.8674, 0.3173, 0.3024

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

55.0535, 0.3148, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.8674, 0.3173, 0.3024 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(213, 186, 209)` looks like.

```
.text, #text, p{  
    color:rgb(213, 186, 209)  
}
```

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(213, 186, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 186, 209) }
```

Border

The CSS property to change the border of an element to Yxy 53.8674, 0.3173, 0.3024 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(213, 186, 209) }
```

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

```
.border{ border-color:rgb(213, 186, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 186, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 186, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 186, 209); box-shadow:4px 4px 4px 4px rgb(213, 186, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 53.8674, 0.3173, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 186, 209) }
```

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

```
.background{ background-color: rgb(213,  
186, 209) }
```

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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