

Converting Colors

$Yxy(52.9363, 0.3266, 0.3064)$

Have a look what the booklet for
Yxy(52.9363, 0.3266, 0.3064)
contains.

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Color

Yxy(53.0367, 0.3272, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	DAB7CA
RGB	218, 183, 202
RGB Percent	85%, 72%, 79%
CMY	0.1451, 0.2823, 0.2077
CMYK	0.00, 0.16, 0.07, 0.15
HSL	327°, 32%, 79%
HSV	327°, 16%, 85%
XYZ	56.5080, 53.0367, 63.1570
YIQ	195.6310, 14.7610, 13.3290

Conversions

Conversions Part 2

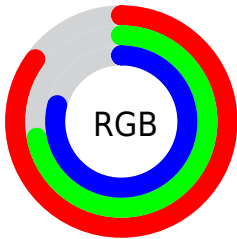
Format	Color
R _Y B	218, 183, 202
Decimal	14333898
CIE Lab	77.90, 15.70, -4.90
CIE LCh	78, 16.451, 342.655
Yxy	53.0367, 0.3272, 0.3071
Android (android.graphics.Color)	4292523978 (0xFFDAB7CA)
YUV	195.6310, 3.1399, 19.6176
Hunter-Lab	72.8263, 11.0572, -0.4395

Details

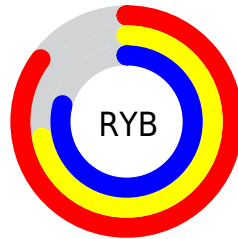
The Yxy color **53.0367, 0.3272, 0.3071** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.3264, 0.3004, 0.3520**, and the grayscale version is **54.9454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **25.8899, 0.3312, 0.3016** is the 20% darker color. If you saturate the color by 10%, you get **44.2758, 0.3386, 0.2927**, and if you desaturate by 10%, it is **63.2253, 0.3177, 0.3210**.

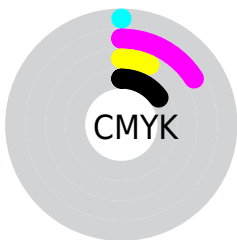
Distribution



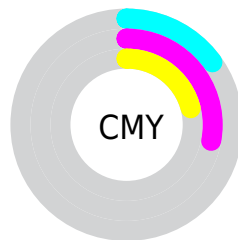
- Red (85%)
- Green (72%)
- Blue (79%)



- Red (85%)
- Yellow (72%)
- Blue (79%)



- Cyan (0%)
- Magenta (16%)
- Yellow (7%)
- Black (15%)




- Cyan (15%)
- Magenta (28%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0367, 0.3272, 0.3071 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 53.0367, 0.3272, 0.3071 by changing the saturation by 10% instead.


 53.0367, 0.3272,
0.3071

 53.0367, 0.3272,
0.3071


398.4259, 0.3202,
0.3176

 37.8321, 0.3289,
0.3046


 94.6584, 0.3247,
0.3108

 25.8524, 0.3310,
0.3014


121.8442, 0.3238,
0.3123

 16.7132, 0.3337,
0.2973

153.7925, 0.3230,
0.3135

 10.0302, 0.3375,
0.2918

190.8878, 0.3223,
0.3145

 5.4190, 0.3428,
0.2839

233.5144, 0.3216,
0.3155

 2.4952, 0.3511,
0.2719

282.0567, 0.3211,

 0.8742, 0.3655,

0.3163

0.2512

336.8990, 0.3206,
0.3170

0.0000, 0.6445,
0.0000

0.0000, 0.0000,
0.0000

53.0367, 0.3272,
0.3071

53.0367, 0.3272,
0.3071

44.2758, 0.3386,
0.2927

63.2253, 0.3177,
0.3210

36.8711, 0.3521,
0.2782

74.8948, 0.3098,
0.3341

30.7554, 0.3678,
0.2643

88.1044, 0.3032,
0.3463

25.8532, 0.3859,
0.2518

92.8224, 0.2977,
0.3425

■ 22.0806, 0.4059,
0.2419

■ 93.4355, 0.2923,
0.3323

■ 19.3434, 0.4274,
0.2358

■ 93.6436, 0.2906,
0.3289

■ 17.5315, 0.4494,
0.2346

■ 16.5084, 0.4710,
0.2389

■ 16.2254, 0.4794,
0.2415

Harmonies

Analogous

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



53.0367, 0.3048, 0.2956



53.0367, 0.3272, 0.3071



53.0367, 0.3461, 0.3241

Triad

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



53.0367, 0.3272, 0.3071



53.0367, 0.3400, 0.3675



53.0367, 0.2714, 0.3128

Complementary

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



53.0367, 0.3272, 0.3071



64.3264, 0.3004, 0.3520

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.



53.0367, 0.2801, 0.3328



53.0367, 0.3272, 0.3071



53.0367, 0.3194, 0.3654

Square

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



53.0367, 0.3272, 0.3071



53.0367, 0.3536, 0.3588



53.0367, 0.2975, 0.3525



53.0367, 0.2732, 0.2982

Rectangle

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



53.0367, 0.3272, 0.3071



53.0367, 0.3539, 0.3366



53.0367, 0.2975, 0.3525



53.0367, 0.2732, 0.3191

Sweetspot

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



53.0390, 0.3272, 0.3071



91.7643, 0.3168, 0.3223



51.0385, 0.2990, 0.2876



19.4029, 0.3174, 0.3214



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.



53.0390, 0.3272, 0.3071



71.5457, 0.3305, 0.3027



52.2656, 0.3415, 0.3270



13.1694, 0.3207, 0.3164



9.7439, 0.4765, 0.2398



0.6486, 0.4442, 0.2221

Inverse Universe

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



53.0390, 0.3272, 0.3071



71.5457, 0.3305, 0.3027



65.1750, 0.2896, 0.3310



13.1694, 0.3207, 0.3164



9.7439, 0.4765, 0.2398



0.6486, 0.4442, 0.2221

Previews

White Background



This preview shows how the Yxy color 53.0367, 0.3272, 0.3071 looks on a white background.

Color Contrast Check

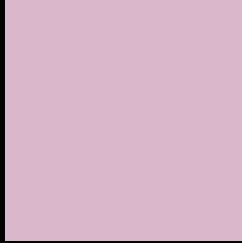
Large Text (above 18pt) WCAG AA × Fail

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 53.0367, 0.3272, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

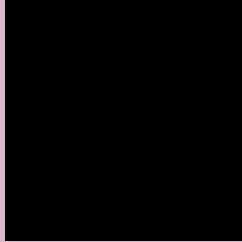
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0367, 0.3272, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 53.0367, 0.3272, 0.3071.



This preview shows how white text looks on a background with the Yxy color 53.0367, 0.3272, 0.3071.

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

53.0367, 0.3272, 0.3071

Protanopia

53.4107, 0.3017, 0.3108

Deuteranopia

53.1676, 0.3193, 0.3125



Tritanopia

53.1099, 0.3295, 0.3128

Trichromacy



Original Color

53.0367, 0.3272, 0.3071

Protanomaly

53.2205, 0.3104, 0.3099

Deuteranomaly

53.3319, 0.3227, 0.3115

Tritanomaly

53.1562, 0.3287, 0.3117

Monochromacy



Original Color

53.0367, 0.3272, 0.3071

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1762, 0.3180, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0367, 0.3272, 0.3071 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(218, 183, 202)` looks like.

```
.text, #text, p{  
    color:rgb(218, 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(218, 183, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 183, 202) }
```

Border

The CSS property to change the border of an element to Yxy 53.0367, 0.3272, 0.3071 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(218, 183, 202) }
```

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

```
.border{ border-color:rgb(218, 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(218, 183, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 183, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 183, 202);  
box-shadow:4px 4px 4px 4px rgb(218, 183,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0367, 0.3272, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 183, 202) }
```

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

```
.background{ background-color: rgb(218,  
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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