

Converting Colors

$Y_{xy}(53.0276, 0.3256, 0.3052)$

Have a look what the booklet for
Yxy(53.0276, 0.3256, 0.3052)
contains.

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Color

Yxy(53.1320, 0.3256, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	DAB7CC
RGB	218, 183, 204
RGB Percent	85%, 72%, 80%
CMY	0.1452, 0.2823, 0.2000
CMYK	0.00, 0.16, 0.06, 0.15
HSL	324°, 32%, 79%
HSV	324°, 16%, 85%
XYZ	56.7392, 53.1320, 64.3892
YIQ	195.8590, 14.1190, 13.9510

Conversions

Conversions Part 2

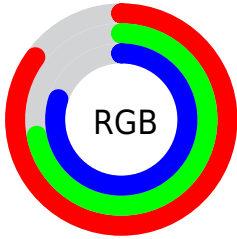
Format	Color
R _Y B	218, 183, 204
Decimal	14333900
CIE Lab	77.95, 16.03, -5.89
CIE LCh	78, 17.080, 339.843
Yxy	53.1320, 0.3256, 0.3049
Android (android.graphics.Color)	4292523980 (0xFFDAB7CC)
YUV	195.8590, 4.0135, 19.4177
Hunter-Lab	72.8917, 11.3846, -1.3499

Details

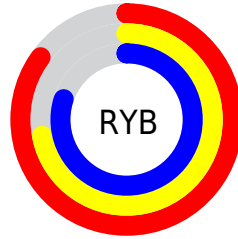
The Yxy color **53.1320, 0.3256, 0.3049** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.2285, 0.3017, 0.3544**, and the grayscale version is **55.0820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **25.9538, 0.3290, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **44.4205, 0.3356, 0.2891**, and if you desaturate by 10%, it is **63.2641, 0.3171, 0.3202**.

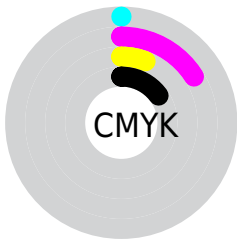
Distribution



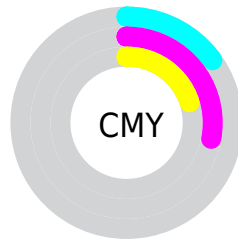
- Red (85%)
- Green (72%)
- Blue (80%)



- Red (85%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (6%)
- Black (15%)





- Cyan (15%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1320, 0.3256, 0.3049 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 53.1320, 0.3256, 0.3049 by changing the saturation by 10% instead.


 53.1320, 0.3256,
0.3049

 53.1320, 0.3256,
0.3049

398.7913, 0.3194,
0.3165

 37.9082, 0.3271,
0.3022


 94.7986, 0.3234,
0.3090

 25.9114, 0.3289,
0.2987


122.0101, 0.3226,
0.3106

 16.7574, 0.3313,
0.2942


153.9863, 0.3218,
0.3119

 10.0617, 0.3346,
0.2882


191.1116, 0.3212,
0.3131

 5.4399, 0.3392,
0.2797

233.7703, 0.3207,
0.3141

 2.5076, 0.3463,
0.2667

282.3469, 0.3202,

 0.8804, 0.3584,

0.3150

0.2445

337.2258, 0.3198,
0.3158

0.0000, 0.5166,
0.0000

0.0000, 0.0000,
0.0000

53.1320, 0.3256,
0.3049

53.1320, 0.3256,
0.3049

44.4205, 0.3356,
0.2891

63.2641, 0.3171,
0.3202

37.0582, 0.3475,
0.2732

74.8698, 0.3101,
0.3346

30.9783, 0.3611,
0.2580

88.0081, 0.3042,
0.3481

26.1053, 0.3766,
0.2443

92.6445, 0.2993,
0.3456

■ 22.3557, 0.3936,
0.2332

■ 93.1717, 0.2945,
0.3365

■ 19.6355, 0.4118,
0.2259

■ 93.6411, 0.2906,
0.3289

■ 17.8350, 0.4304,
0.2235

■ 16.8178, 0.4486,
0.2264

■ 16.5352, 0.4557,
0.2284

Harmonies

Analogous

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



53.1320, 0.3024, 0.2937



53.1320, 0.3256, 0.3049



53.1320, 0.3459, 0.3221

Triad

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



53.1320, 0.3256, 0.3049



53.1320, 0.3427, 0.3685



53.1320, 0.2703, 0.3139

Complementary

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



53.1320, 0.3256, 0.3049



64.2285, 0.3017, 0.3544

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.



53.1320, 0.2803, 0.3349



53.1320, 0.3256, 0.3049



53.1320, 0.3218, 0.3676

Square

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



53.1320, 0.3256, 0.3049



53.1320, 0.3559, 0.3586



53.1320, 0.2990, 0.3551



53.1320, 0.2711, 0.2981

Rectangle

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



53.1320, 0.3256, 0.3049



53.1320, 0.3547, 0.3350



53.1320, 0.2990, 0.3551



53.1320, 0.2725, 0.3206

Sweetspot

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



53.1343, 0.3256, 0.3049



91.8092, 0.3164, 0.3216



50.7258, 0.2972, 0.2874



19.4138, 0.3169, 0.3206



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.



53.1343, 0.3256, 0.3049



71.7026, 0.3286, 0.3000



52.3667, 0.3395, 0.3243



13.1821, 0.3198, 0.3151



9.9309, 0.4532, 0.2270



0.6602, 0.4259, 0.2120

Inverse Universe

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



53.1343, 0.3256, 0.3049



71.7026, 0.3286, 0.3000



65.0473, 0.2911, 0.3338



13.1821, 0.3198, 0.3151



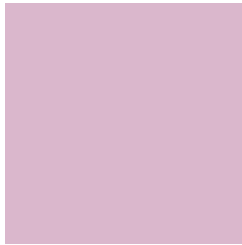
9.9309, 0.4532, 0.2270



0.6602, 0.4259, 0.2120

Previews

White Background



This preview shows how the Yxy color 53.1320, 0.3256, 0.3049 looks on a white background.

Color Contrast Check

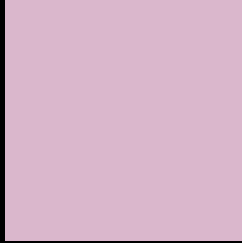
Large Text (above 18pt) WCAG AA × Fail

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 53.1320, 0.3256, 0.3049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

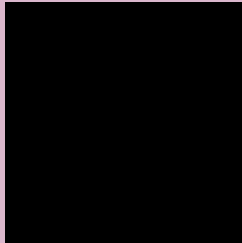
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.1320, 0.3256, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 53.1320, 0.3256, 0.3049.



This preview shows how white text looks on a background with the Yxy color 53.1320, 0.3256, 0.3049.

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

53.1320, 0.3256, 0.3049

Protanopia

53.5092, 0.3003, 0.3084

Deuteranopia

53.1178, 0.3169, 0.3101



Tritanopia

53.1099, 0.3295, 0.3128

Trichromacy



Original Color

53.1320, 0.3256, 0.3049

Protanomaly

53.3177, 0.3089, 0.3075

Deuteranomaly

53.2785, 0.3203, 0.3091

Tritanomaly

53.2028, 0.3279, 0.3105

Monochromacy



Original Color

53.1320, 0.3256, 0.3049

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.2225, 0.3172, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1320, 0.3256, 0.3049 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(218, 183, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 183, 204) }
```

Border

The CSS property to change the border of an element to Yxy 53.1320, 0.3256, 0.3049 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, 204) }
```

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

```
.border{ border-color:rgb(218, 183, 204) }
```

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, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 183, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 183, 204);  
box-shadow:4px 4px 4px 4px rgb(218, 183,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1320, 0.3256, 0.3049 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, 204) }
```

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

```
.background{ background-color: rgb(218,  
183, 204) }
```

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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