

Converting Colors

$Y_{xy}(49.2134, 0.3252, 0.2847)$

Have a look what the booklet for
Yxy(49.2134, 0.3252, 0.2847)
contains.

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Color

Yxy(49.3086, 0.3253, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	DEABD2
RGB	222, 171, 210
RGB Percent	87%, 67%, 82%
CMY	0.1294, 0.3294, 0.1766
CMYK	0.00, 0.23, 0.05, 0.13
HSL	314°, 44%, 77%
HSV	314°, 23%, 87%
XYZ	56.3205, 49.3086, 67.5050
YIQ	190.6950, 17.8770, 22.9410

Conversions

Conversions Part 2

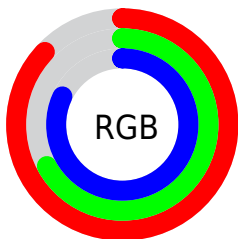
Format	Color
R_{YB}	222, 171, 210
Decimal	14592978
CIE _{Lab}	75.64, 24.95, -12.53
CIE _{LCh}	76, 27.923, 333.330
Yxy	49.3086, 0.3253, 0.2848
Android (android.graphics.Color)	4292783058 (0xFFDEABD2)
YUV	190.6950, 9.5174, 27.4545
Hunter-Lab	70.2201, 20.2821, -7.8435

Details

The Yxy color $49.3086, 0.3253, 0.2848$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $64.3294, 0.3022, 0.3777$, and the grayscale version is $51.8520, 0.3127, 0.3290$.

A 20% lighter version of the original color is $83.4182, 0.3140, 0.3019$, and $23.4642, 0.3273, 0.2723$ is the 20% darker color. If you saturate the color by 10%, you get $41.3591, 0.3322, 0.2651$, and if you desaturate by 10%, it is $58.6797, 0.3193, 0.3045$.

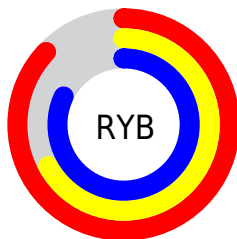
Distribution



Red (87%)

Green (67%)

Blue (82%)



Red (87%)

Yellow (67%)

Blue (82%)

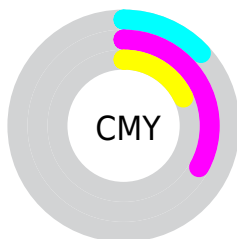


Cyan (0%)

Magenta (23%)

Yellow (5%)

Black (13%)



Cyan (13%)


Magenta (33%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3086, 0.3253, 0.2848 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 49.3086, 0.3253, 0.2848 by changing the saturation by 10% instead.


 49.3086, 0.3253,
0.2848

 49.3086, 0.3253,
0.2848

383.9559, 0.3194,
0.3059

 34.8643, 0.3266,
0.2798


 89.1496, 0.3233,
0.2922

 23.5584, 0.3283,
0.2736


115.3152, 0.3225,
0.2951

 15.0064, 0.3304,
0.2656


146.1566, 0.3218,
0.2975

 8.8239, 0.3332,
0.2549

182.0583, 0.3212,
0.2997

 4.6265, 0.3369,
0.2399

223.4047, 0.3207,
0.3015

 2.0298, 0.3422,
0.2175

270.5802, 0.3202,

 0.6247, 0.3523,

0.3031

0.1751

323.9691, 0.3198,
0.3046

0.0000, 0.3003,
0.0000

0.0000, 0.0000,
0.0000

49.3086, 0.3253,
0.2848

49.3086, 0.3253,
0.2848

41.3591, 0.3322,
0.2651

58.6797, 0.3193,
0.3045

34.7541, 0.3399,
0.2460

69.5313, 0.3141,
0.3235

29.4195, 0.3485,
0.2284

81.9269, 0.3097,
0.3416

25.2711, 0.3576,
0.2134

92.8178, 0.3061,
0.3538

■ 22.2145, 0.3671,
0.2020

■ 93.1182, 0.3032,
0.3483

■ 20.1410, 0.3767,
0.1950

■ 93.4276, 0.3003,
0.3428

■ 18.9192, 0.3860,
0.1928

■ 93.7460, 0.2974,
0.3374

■ 18.4197, 0.3923,
0.1935

■ 94.0735, 0.2946,
0.3321

■ 94.2719, 0.2929,
0.3289

Harmonies

Analogous

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



49.3086, 0.2871, 0.2694



49.3086, 0.3253, 0.2848



49.3086, 0.3620, 0.3104

Triad

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



49.3086, 0.3253, 0.2848



49.3086, 0.3686, 0.3926



49.3086, 0.2452, 0.3096

Complementary

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



49.3086, 0.3253, 0.2848



64.3294, 0.3022, 0.3777

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.



49.3086, 0.2644, 0.3465



49.3086, 0.3253, 0.2848



49.3086, 0.3351, 0.3971

Square

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



49.3086, 0.3253, 0.2848



49.3086, 0.3875, 0.3712



49.3086, 0.2970, 0.3801



49.3086, 0.2428, 0.2814

Rectangle

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



49.3086, 0.3253, 0.2848



49.3086, 0.3796, 0.3307



49.3086, 0.2970, 0.3801



49.3086, 0.2498, 0.3214

Sweetspot

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



49.3108, 0.3253, 0.2848



88.8669, 0.3161, 0.3158



44.4574, 0.2831, 0.2663



18.8262, 0.3164, 0.3147



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.



49.3108, 0.3253, 0.2848



61.5568, 0.3288, 0.2744



48.1450, 0.3475, 0.3132



13.8774, 0.3174, 0.3113



10.9573, 0.3911, 0.1928



0.7730, 0.3780, 0.1856

Inverse Universe

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



49.3108, 0.3253, 0.2848



61.5568, 0.3288, 0.2744



65.4831, 0.2868, 0.3455



13.8774, 0.3174, 0.3113



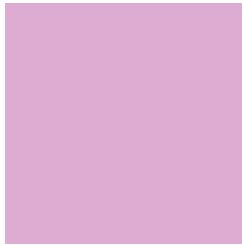
10.9573, 0.3911, 0.1928



0.7730, 0.3780, 0.1856

Previews

White Background



This preview shows how the Yxy color 49.3086, 0.3253, 0.2848 looks on a white background.

Color Contrast Check

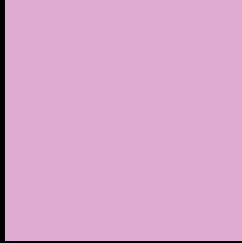
Large Text (above 18pt) WCAG AA × Fail

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 49.3086, 0.3253, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

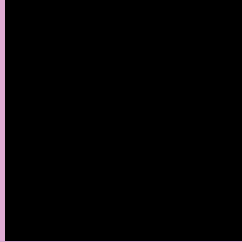
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3086, 0.3253, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 49.3086, 0.3253, 0.2848.



This preview shows how white text looks on a background with the Yxy color 49.3086, 0.3253, 0.2848.

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

49.3086, 0.3253, 0.2848

Protanopia

49.5157, 0.2839, 0.2871

Deuteranopia

49.6121, 0.3034, 0.2974



Tritanopia

49.3509, 0.3410, 0.3138

Trichromacy



Original Color

49.3086, 0.3253, 0.2848

Protanomaly

49.2025, 0.2975, 0.2857

Deuteranomaly

49.4234, 0.3111, 0.2922

Tritanomaly

49.4733, 0.3351, 0.3035

Monochromacy



Original Color

49.3086, 0.3253, 0.2848

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.9148, 0.3169, 0.3121

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3086, 0.3253, 0.2848 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(222, 171, 210)` looks like.

```
.text, #text, p{  
    color:rgb(222, 171, 210)  
}
```

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(222, 171, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 171, 210) }
```

Border

The CSS property to change the border of an element to Yxy 49.3086, 0.3253, 0.2848 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(222, 171, 210) }
```

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

```
.border{ border-color:rgb(222, 171, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 171, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 171, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 171, 210);  
box-shadow:4px 4px 4px 4px rgb(222, 171,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3086, 0.3253, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 171, 210) }
```

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

```
.background{ background-color: rgb(222,  
171, 210) }
```

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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