

Converting Colors

$Yxy(52.9825, 0.3449, 0.2965)$

Have a look what the booklet for
Yxy(52.9825, 0.3449, 0.2965)
contains.

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Color

Yxy(52.9825, 0.3449, 0.2965)

Conversions

Conversions Part 1

Format	Color
Hex	EFAECC
RGB	239, 174, 204
RGB Percent	94%, 68%, 80%
CMY	0.0627, 0.3176, 0.2002
CMYK	0.00, 0.27, 0.15, 0.06
HSL	332°, 67%, 81%
HSV	332°, 27%, 94%
XYZ	61.6312, 52.9825, 64.0793
YIQ	196.8550, 29.1100, 23.1100

Conversions

Conversions Part 2

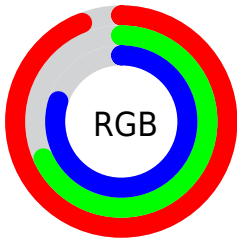
Format	Color
R _Y B	239, 174, 204
Decimal	15707852
CIE Lab	77.86, 28.18, -5.77
CIE LCh	78, 28.765, 348.433
Yxy	52.9825, 0.3449, 0.2965
Android (android.graphics.Color)	4293897932 (0xFFEFAECC)
YUV	196.8550, 3.5225, 36.9612
Hunter-Lab	72.7891, 23.7569, -1.2432

Details

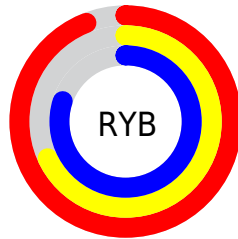
The Yxy color **52.9825, 0.3449, 0.2965** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **75.3471, 0.2892, 0.3641**, and the grayscale version is **55.7089, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **25.8218, 0.3530, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **43.9637, 0.3614, 0.2841**, and if you desaturate by 10%, it is **63.7004, 0.3311, 0.3089**.

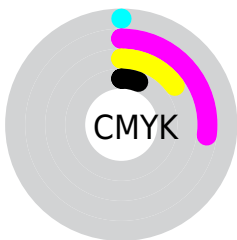
Distribution



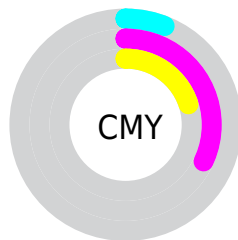
- Red (94%)
- Green (68%)
- Blue (80%)



- Red (94%)
- Yellow (68%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (15%)
- Black (6%)




- Cyan (6%)
- Magenta (32%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9825, 0.3449, 0.2965 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 52.9825, 0.3449, 0.2965 by changing the saturation by 10% instead.


 52.9825, 0.3449,
0.2965

 52.9825, 0.3449,
0.2965


398.2180, 0.3293,
0.3120

 37.7888, 0.3486,
0.2928


 94.5786, 0.3394,
0.3020

 25.8188, 0.3533,
0.2882


121.7498, 0.3373,
0.3041

 16.6881, 0.3594,
0.2823


153.6823, 0.3355,
0.3059

 10.0124, 0.3677,
0.2744

190.7605, 0.3339,
0.3074

 5.4072, 0.3795,
0.2632

233.3688, 0.3325,
0.3088

 2.4881, 0.3977,
0.2464

281.8915, 0.3313,

 0.8707, 0.4292,

0.3100

0.2184

336.7131, 0.3303,
0.3111

0.0000, 0.7606,
0.0000

0.0000, 0.0000,
0.0000

52.9825, 0.3449,
0.2965

52.9825, 0.3449,
0.2965

43.9637, 0.3614,
0.2841

63.7004, 0.3311,
0.3089

36.5484, 0.3809,
0.2722

76.1920, 0.3197,
0.3208

30.6426, 0.4034,
0.2619

90.5363, 0.3103,
0.3321

26.1393, 0.4286,
0.2543

97.0932, 0.3029,
0.3290

■ 22.9174, 0.4555,
0.2507

■ 20.8350, 0.4829,
0.2523

■ 19.7076, 0.5091,
0.2593

■ 19.4820, 0.5162,
0.2617

Harmonies

Analogous

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



52.9825, 0.3057, 0.2754



52.9825, 0.3449, 0.2965



52.9825, 0.3764, 0.3256

Triad

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



52.9825, 0.3449, 0.2965



52.9825, 0.3532, 0.3979



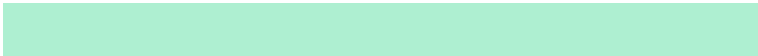
52.9825, 0.2414, 0.2936

Complementary

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



52.9825, 0.3449, 0.2965



75.3471, 0.2892, 0.3641

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.



52.9825, 0.2524, 0.3275



52.9825, 0.3449, 0.2965



52.9825, 0.3159, 0.3915

Square

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



52.9825, 0.3449, 0.2965



52.9825, 0.3807, 0.3839



52.9825, 0.2791, 0.3647



52.9825, 0.2479, 0.2723

Rectangle

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



52.9825, 0.3449, 0.2965



52.9825, 0.3877, 0.3467



52.9825, 0.2791, 0.3647



52.9825, 0.2432, 0.3038

Sweetspot

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



52.9849, 0.3449, 0.2965



86.9795, 0.3205, 0.3199



50.0150, 0.2915, 0.2561



18.1263, 0.3222, 0.3181



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.



52.9849, 0.3449, 0.2965



54.9637, 0.3543, 0.2891



52.5275, 0.3712, 0.3316



15.8800, 0.3221, 0.3182



10.7906, 0.5124, 0.2597



0.9175, 0.4807, 0.2422

Inverse Universe

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



52.9849, 0.3449, 0.2965



54.9637, 0.3543, 0.2891



75.7122, 0.2728, 0.3264



15.8800, 0.3221, 0.3182



10.7906, 0.5124, 0.2597



0.9175, 0.4807, 0.2422

Previews

White Background



This preview shows how the Yxy color 52.9825, 0.3449, 0.2965 looks on a white background.

Color Contrast Check

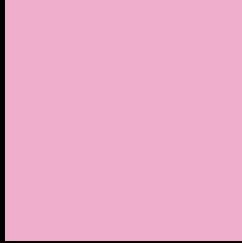
Large Text (above 18pt) WCAG AA × Fail

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 52.9825, 0.3449, 0.2965 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 52.9825, 0.3449, 0.2965

Background



This preview shows how black text looks on a background with the Yxy color 52.9825, 0.3449, 0.2965.



This preview shows how white text looks on a background with the Yxy color 52.9825, 0.3449, 0.2965.

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

52.9825, 0.3449, 0.2965

Protanopia

53.1150, 0.2945, 0.3000

Deuteranopia

53.2148, 0.3185, 0.3113



Tritanopia

52.7729, 0.3551, 0.3136

Trichromacy



Original Color

52.9825, 0.3449, 0.2965

Protanomaly

52.8110, 0.3117, 0.2986

Deuteranomaly

52.8278, 0.3274, 0.3049

Tritanomaly

52.7772, 0.3517, 0.3071

Monochromacy



Original Color

52.9825, 0.3449, 0.2965

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.5624, 0.3232, 0.3162

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9825, 0.3449, 0.2965 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(239, 174, 204)` looks like.

```
.text, #text, p{  
    color:rgb(239, 174, 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(239, 174, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 174, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.9825, 0.3449, 0.2965 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(239, 174, 204) }
```

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

```
.border{ border-color:rgb(239, 174, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 174, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 174, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 174, 204);  
box-shadow:4px 4px 4px 4px rgb(239, 174,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9825, 0.3449, 0.2965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 174, 204) }
```

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

```
.background{ background-color: rgb(239,  
174, 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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