

Converting Colors

Yxy(52.0505, 0.3415, 0.2961)

Have a look what the booklet for
Yxy(52.0505, 0.3415, 0.2961)
contains.

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Color

Yxy(52.2939, 0.3414, 0.2961)

Conversions

Conversions Part 1	
Format	Color
Hex	EBAECC
RGB	235, 174, 204
RGB Percent	92%, 68%, 80%
CMY	0.0784, 0.3176, 0.2001
CMYK	0.00, 0.26, 0.13, 0.08
HSL	331°, 60%, 80%
HSV	331°, 26%, 92%
XYZ	60.2943, 52.2939, 64.0207
YIQ	195.6590, 26.7260, 22.2620

Conversions

Conversions Part 2

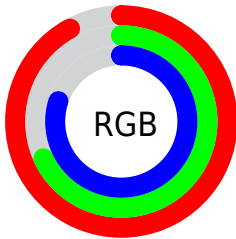
Format	Color
RYB	235, 174, 204
Decimal	15445708
CIELab	77.46, 26.79, -6.42
CIELCh	77, 27.548, 346.522
Yxy	52.2939, 0.3414, 0.2961
Android (android.graphics.Color)	4293635788 (0xFFEBAECC)
YUV	195.6590, 4.1121, 34.5021
Hunter-Lab	72.3145, 22.2790, -1.8698

Details

The Yxy color $52.2939, 0.3414, 0.2961$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72.8304, 0.2913, 0.3645$, and the grayscale version is $54.9508, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.0736, 0.3138, 0.3048$, and $25.3417, 0.3482, 0.2874$ is the 20% darker color. If you saturate the color by 10%, you get $43.4442, 0.3566, 0.2829$, and if you desaturate by 10%, it is $62.7809, 0.3287, 0.3092$.

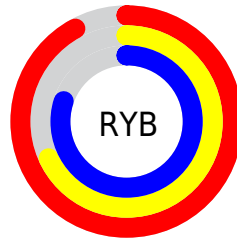
Distribution



Red (92%)

Green (68%)

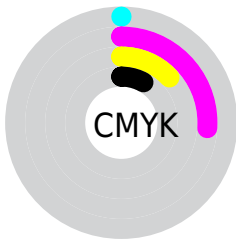
Blue (80%)



Red (92%)

Yellow (68%)

Blue (80%)

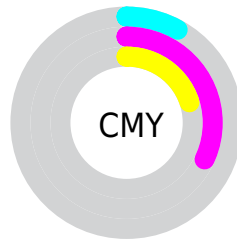


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (8%)



Cyan (8%)


Magenta (32%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2939, 0.3414, 0.2961 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 52.2939, 0.3414, 0.2961 by changing the saturation by 10% instead.


 52.2939, 0.3414,
0.2961

 52.2939, 0.3414,
0.2961


395.5702, 0.3275,
0.3118

 37.2394, 0.3447,
0.2924


 93.5645, 0.3365,
0.3017

 25.3929, 0.3489,
0.2877


120.5495, 0.3346,
0.3038

 16.3700, 0.3544,
0.2817


152.2800, 0.3330,
0.3056

 9.7864, 0.3617,
0.2736

189.1405, 0.3316,
0.3072

 5.2575, 0.3723,
0.2623

231.5153, 0.3304,
0.3086

 2.3992, 0.3885,
0.2452


279.7890, 0.3293,

 0.8255, 0.4168,


0.3098

0.2163


334.3458, 0.3284,
0.3109


 0.0000, 0.7308,
0.0000

 0.0000, 0.0000,
0.0000

 52.2939, 0.3414,
0.2961


 52.2939, 0.3414,
0.2961


 43.4442, 0.3566,
0.2829


 62.7809, 0.3287,
0.3092


 36.1409, 0.3745,
0.2702


 74.9758, 0.3181,
0.3218


 30.2952, 0.3951,
0.2589


 88.9536, 0.3094,
0.3337


 25.8061, 0.4182,
0.2501


 96.1991, 0.3023,
0.3321

 22.5597, 0.4431,
0.2453

 96.4034, 0.3005,
0.3290

 20.4231, 0.4686,
0.2455

 19.2319, 0.4933,
0.2511

 18.9109, 0.5030,
0.2545

Harmonies

Analogous

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



52.2939, 0.3037, 0.2763



52.2939, 0.3414, 0.2961



52.2939, 0.3724, 0.3239

Triad

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



52.2939, 0.3414, 0.2961



52.2939, 0.3538, 0.3949



52.2939, 0.2441, 0.2968

Complementary

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



52.2939, 0.3414, 0.2961



72.8304, 0.2913, 0.3645

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.



52.2939, 0.2559, 0.3299



52.2939, 0.3414, 0.2961



52.2939, 0.3182, 0.3900

Square

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



52.2939, 0.3414, 0.2961



52.2939, 0.3793, 0.3806



52.2939, 0.2825, 0.3654



52.2939, 0.2493, 0.2753

Rectangle

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



52.2939, 0.3414, 0.2961



52.2939, 0.3841, 0.3442



52.2939, 0.2825, 0.3654



52.2939, 0.2462, 0.3069

Sweetspot

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



52.2963, 0.3414, 0.2961



87.0172, 0.3201, 0.3193



49.1826, 0.2911, 0.2595



18.1358, 0.3217, 0.3174



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.



52.2963, 0.3414, 0.2961



57.1858, 0.3489, 0.2892



50.9945, 0.3682, 0.3292



15.1774, 0.3216, 0.3175



10.5497, 0.4994, 0.2525



0.8478, 0.4680, 0.2352

Inverse Universe

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



52.2963, 0.3414, 0.2961



57.1858, 0.3489, 0.2892



74.4188, 0.2747, 0.3289



15.1774, 0.3216, 0.3175



10.5497, 0.4994, 0.2525



0.8478, 0.4680, 0.2352

Previews

White Background



This preview shows how the Yxy color 52.2939, 0.3414, 0.2961 looks on a white background.

Color Contrast Check

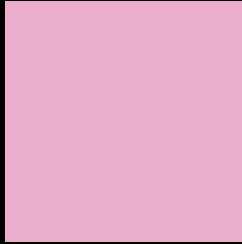
Large Text (above 18pt) WCAG AA × Fail

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 52.2939, 0.3414, 0.2961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

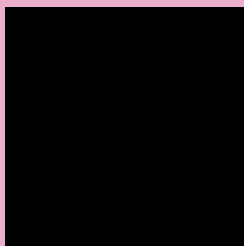
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2939, 0.3414, 0.2961

Background



This preview shows how black text looks on a background with the Yxy color 52.2939, 0.3414, 0.2961.



This preview shows how white text looks on a background with the Yxy color 52.2939, 0.3414, 0.2961.

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

52.2939, 0.3414, 0.2961

Protanopia

52.3733, 0.2936, 0.2998

Deuteranopia

52.5039, 0.3169, 0.3100



Tritanopia

52.0920, 0.3515, 0.3134

Trichromacy



Original Color
52.2939, 0.3414, 0.2961

Protanomaly
51.9133, 0.3100, 0.2983

Deuteranomaly
52.5194, 0.3257, 0.3048

Tritanomaly
52.0925, 0.3482, 0.3068

Monochromacy



Original Color
52.2939, 0.3414, 0.2961

Achromatopsia
55.2011, 0.3127, 0.3290

Achromatomaly
53.7916, 0.3224, 0.3161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2939, 0.3414, 0.2961 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(235, 174, 204) looks like.

```
.text, #text, p{  
    color:rgb(235, 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(235, 174, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 174, 204) }
```

Border

The CSS property to change the border of an element to Yxy 52.2939, 0.3414, 0.2961 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(235, 174, 204) }
```

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

```
.border{ border-color:rgb(235, 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(235, 174, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 174, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 174, 204);  
box-shadow:4px 4px 4px 4px rgb(235, 174,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2939, 0.3414, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 174, 204) }
```

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

```
.background{ background-color: rgb(235,  
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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