

Converting Colors

Yxy(53.0515, 0.3287, 0.2845)

Have a look what the booklet for
Yxy(53.0515, 0.3287, 0.2845)
contains.

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Color

Yxy(52.9415, 0.3293, 0.2843)

Conversions

Conversions Part 1

Format	Color
Hex	E9AFD8
RGB	233, 175, 216
RGB Percent	91%, 69%, 85%
CMY	0.0864, 0.3136, 0.1529
CMYK	0.00, 0.25, 0.07, 0.09
HSL	318°, 57%, 80%
HSV	318°, 25%, 91%
XYZ	61.3213, 52.9415, 71.9543
YIQ	197.0160, 21.4070, 25.0470

Conversions

Conversions Part 2

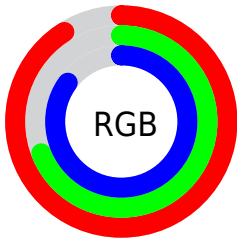
Format	Color
R_{YB}	233, 175, 216
Decimal	15314904
CIE _{Lab}	77.84, 27.56, -12.41
CIE _{LCh}	78, 30.225, 335.755
Yxy	52.9415, 0.3293, 0.2843
Android (android.graphics.Color)	4293504984 (0xFFE9AFD8)
YUV	197.0160, 9.3591, 31.5580
Hunter-Lab	72.7609, 23.1042, -7.7001

Details

The Yxy color **52.9415, 0.3293, 0.2843** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.1812, 0.2994, 0.3783**, and the grayscale version is **55.7784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **25.8394, 0.3339, 0.2737** is the 20% darker color. If you saturate the color by 10%, you get **44.2974, 0.3379, 0.2658**, and if you desaturate by 10%, it is **63.1694, 0.3218, 0.3027**.

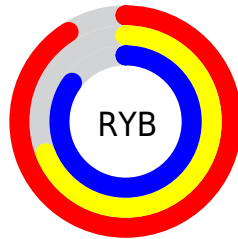
Distribution



Red (91%)

Green (69%)

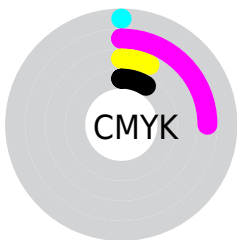
Blue (85%)



Red (91%)

Yellow (69%)

Blue (85%)

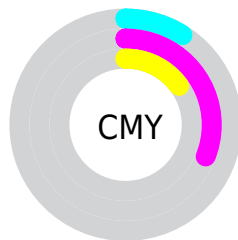


Cyan (0%)

Magenta (25%)

Yellow (7%)

Black (9%)



Cyan (9%)


Magenta (31%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9415, 0.3293, 0.2843 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 52.9415, 0.3293, 0.2843 by changing the saturation by 10% instead.

 52.9415, 0.3293,
0.2843

 52.9415, 0.3293,
0.2843


398.0606, 0.3216,
0.3053

 37.7561, 0.3311,
0.2794


 94.5183, 0.3266,
0.2917

 25.7934, 0.3333,
0.2733


121.6784, 0.3256,
0.2945

 16.6692, 0.3361,
0.2655


153.5989, 0.3247,
0.2970

 9.9989, 0.3397,
0.2553

190.6642, 0.3239,
0.2991

 5.3982, 0.3447,
0.2411

233.2586, 0.3232,
0.3009

 2.4828, 0.3519,
0.2203

281.7665, 0.3226,

 0.8680, 0.3629,

0.3026

0.1872

336.5724, 0.3221,
0.3040

0.0000, 0.4231,
0.0000

0.0000, 0.0000,
0.0000

52.9415, 0.3293,
0.2843

52.9415, 0.3293,
0.2843

44.2974, 0.3379,
0.2658

63.1694, 0.3218,
0.3027

37.1494, 0.3477,
0.2481

75.0487, 0.3155,
0.3206

31.4125, 0.3586,
0.2319

88.6518, 0.3101,
0.3376

26.9897, 0.3704,
0.2185

95.3266, 0.3058,
0.3407

■ 23.7721, 0.3827,
0.2088

■ 95.7470, 0.3020,
0.3338

■ 21.6328, 0.3952,
0.2038

■ 96.0583, 0.2993,
0.3290

■ 20.4168, 0.4074,
0.2038

■ 20.0264, 0.4135,
0.2052

Harmonies

Analogous

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



52.9415, 0.2886, 0.2671



52.9415, 0.3293, 0.2843



52.9415, 0.3675, 0.3118

Triad

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



52.9415, 0.3293, 0.2843



52.9415, 0.3692, 0.3973



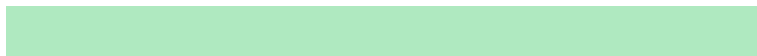
52.9415, 0.2407, 0.3055

Complementary

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



52.9415, 0.3293, 0.2843



71.1812, 0.2994, 0.3783

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.



52.9415, 0.2595, 0.3442



52.9415, 0.3293, 0.2843



52.9415, 0.3330, 0.4006

Square

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



52.9415, 0.3293, 0.2843



52.9415, 0.3909, 0.3756



52.9415, 0.2929, 0.3808



52.9415, 0.2397, 0.2769

Rectangle

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



52.9415, 0.3293, 0.2843



52.9415, 0.3852, 0.3333



52.9415, 0.2929, 0.3808



52.9415, 0.2450, 0.3177

Sweetspot

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



52.9439, 0.3293, 0.2843



88.8033, 0.3167, 0.3168



47.6821, 0.2824, 0.2608



18.8114, 0.3171, 0.3157



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.



52.9439, 0.3293, 0.2843



59.1607, 0.3337, 0.2745



51.5983, 0.3538, 0.3150



15.2342, 0.3183, 0.3125



11.3896, 0.4117, 0.2042



0.9110, 0.3961, 0.1956

Inverse Universe

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



52.9439, 0.3293, 0.2843



59.1607, 0.3337, 0.2745



72.5653, 0.2831, 0.3436



15.2342, 0.3183, 0.3125



11.3896, 0.4117, 0.2042



0.9110, 0.3961, 0.1956

Previews

White Background



This preview shows how the Yxy color 52.9415, 0.3293, 0.2843 looks on a white background.

Color Contrast Check

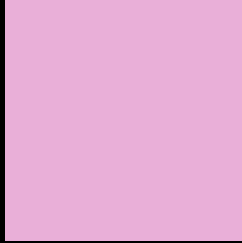
Large Text (above 18pt) WCAG AA × Fail

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 52.9415, 0.3293, 0.2843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

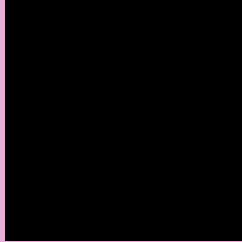
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.9415, 0.3293, 0.2843

Background



This preview shows how black text looks on a background with the Yxy color 52.9415, 0.3293, 0.2843.



This preview shows how white text looks on a background with the Yxy color 52.9415, 0.3293, 0.2843.

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

52.9415, 0.3293, 0.2843

Protanopia

53.1917, 0.2840, 0.2871

Deuteranopia

53.3780, 0.3045, 0.2984



Tritanopia

52.9134, 0.3457, 0.3133

Trichromacy



Original Color

52.9415, 0.3293, 0.2843



Protanomaly

52.6684, 0.2995, 0.2859



Deuteranomaly

52.9194, 0.3128, 0.2922



Tritanomaly

53.0468, 0.3399, 0.3034

Monochromacy



Original Color

52.9415, 0.3293, 0.2843



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.4565, 0.3184, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9415, 0.3293, 0.2843 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(233, 175, 216)` looks like.

```
.text, #text, p{  
    color:rgb(233, 175, 216)  
}
```

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(233, 175, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 175, 216) }
```

Border

The CSS property to change the border of an element to Yxy 52.9415, 0.3293, 0.2843 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(233, 175, 216) }
```

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

```
.border{ border-color:rgb(233, 175, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 175, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 175, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 175, 216);  
box-shadow:4px 4px 4px 4px rgb(233, 175,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9415, 0.3293, 0.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 175, 216) }
```

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

```
.background{ background-color: rgb(233,  
175, 216) }
```

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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