

Converting Colors

Yxy(51.5921, 0.3340, 0.2833)

Have a look what the booklet for
Yxy(51.5921, 0.3340, 0.2833)
contains.

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Color

Yxy(51.5921, 0.3340, 0.2833)

Conversions

Conversions Part 1

Format	Color
Hex	EBABD5
RGB	235, 171, 213
RGB Percent	92%, 67%, 84%
CMY	0.0785, 0.3293, 0.1648
CMYK	0.00, 0.27, 0.09, 0.08
HSL	321°, 61%, 80%
HSV	321°, 27%, 92%
XYZ	60.8251, 51.5921, 69.6940
YIQ	194.9240, 24.6620, 26.6300

Conversions

Conversions Part 2

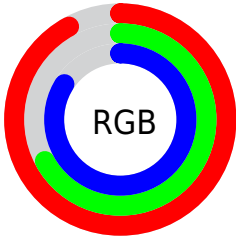
Format	Color
R_{YB}	235, 171, 213
Decimal	15444949
CIE _{Lab}	77.04, 29.86, -11.95
CIE _{LCh}	77, 32.161, 338.179
Yxy	51.5921, 0.3340, 0.2833
Android (android.graphics.Color)	4293635029 (0xFFEBABD5)
YUV	194.9240, 8.9115, 35.1467
Hunter-Lab	71.8276, 25.4591, -7.2494

Details

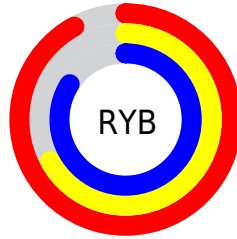
The Yxy color **51.5921, 0.3340, 0.2833** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **71.9104, 0.2963, 0.3797**, and the grayscale version is **54.4611, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **24.8905, 0.3392, 0.2723** is the 20% darker color. If you saturate the color by 10%, you get **43.0914, 0.3444, 0.2661**, and if you desaturate by 10%, it is **61.6957, 0.3250, 0.3006**.

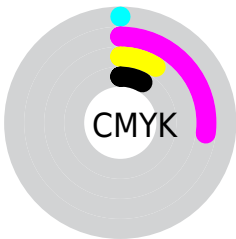
Distribution



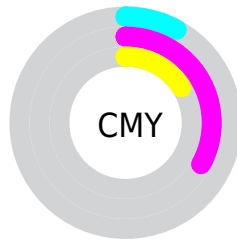
- Red (92%)
- Green (67%)
- Blue (84%)



- Red (92%)
- Yellow (67%)
- Blue (84%)



- Cyan (0%)
- Magenta (27%)
- Yellow (9%)
- Black (8%)





- Cyan (8%)
- Magenta (33%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5921, 0.3340, 0.2833 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 51.5921, 0.3340, 0.2833 by changing the saturation by 10% instead.


 51.5921, 0.3340,
0.2833

 51.5921, 0.3340,
0.2833


392.8599, 0.3240,
0.3049

 36.6800, 0.3363,
0.2783

 92.5294, 0.3305,
0.2909

 24.9599, 0.3393,
0.2720


119.3234, 0.3291,
0.2938

 16.0472, 0.3430,
0.2640


150.8469, 0.3279,
0.2963

 9.5575, 0.3480,
0.2533

187.4842, 0.3269,
0.2985

 5.1066, 0.3548,
0.2386

229.6198, 0.3261,
0.3004

 2.3099, 0.3649,
0.2169

277.6380, 0.3253,

 0.7790, 0.3814,

0.3021

0.1814

331.9232, 0.3246,
0.3036

0.0000, 0.4656,
0.0000

0.0000, 0.0000,
0.0000

51.5921, 0.3340,
0.2833

51.5921, 0.3340,
0.2833

43.0914, 0.3444,
0.2661

61.6957, 0.3250,
0.3006

36.1028, 0.3563,
0.2497

73.4729, 0.3174,
0.3174

30.5370, 0.3696,
0.2350

86.9987, 0.3110,
0.3334

26.2925, 0.3840,
0.2233

95.7878, 0.3059,
0.3386

■ 23.2542, 0.3992,
0.2156

■ 96.2928, 0.3014,
0.3306

■ 21.2869, 0.4145,
0.2128

■ 96.3971, 0.3005,
0.3290

■ 20.2145, 0.4294,
0.2150

■ 19.9968, 0.4335,
0.2162

Harmonies

Analogous

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



51.5921, 0.2901, 0.2640



51.5921, 0.3340, 0.2833



51.5921, 0.3743, 0.3131

Triad

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



51.5921, 0.3340, 0.2833



51.5921, 0.3704, 0.4034



51.5921, 0.2349, 0.3005

Complementary

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



51.5921, 0.3340, 0.2833



71.9104, 0.2963, 0.3797

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.



51.5921, 0.2534, 0.3417



51.5921, 0.3340, 0.2833



51.5921, 0.3308, 0.4054

Square

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



51.5921, 0.3340, 0.2833



51.5921, 0.3954, 0.3810



51.5921, 0.2880, 0.3822



51.5921, 0.2355, 0.2714

Rectangle

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



51.5921, 0.3340, 0.2833



51.5921, 0.3922, 0.3362



51.5921, 0.2880, 0.3822



51.5921, 0.2390, 0.3134

Sweetspot

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



51.5944, 0.3340, 0.2833



87.2244, 0.3180, 0.3160



46.3809, 0.2814, 0.2540



18.1880, 0.3191, 0.3135



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.



51.5944, 0.3340, 0.2833



55.8242, 0.3400, 0.2730



50.1551, 0.3619, 0.3172



15.2207, 0.3190, 0.3137



11.1572, 0.4312, 0.2149



0.8941, 0.4120, 0.2043

Inverse Universe

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



51.5944, 0.3340, 0.2833



55.8242, 0.3400, 0.2730



73.4587, 0.2788, 0.3413



15.2207, 0.3190, 0.3137



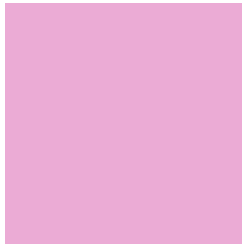
11.1572, 0.4312, 0.2149



0.8941, 0.4120, 0.2043

Previews

White Background



This preview shows how the Yxy color 51.5921, 0.3340, 0.2833 looks on a white background.

Color Contrast Check

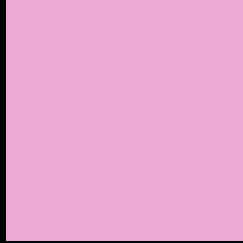
Large Text (above 18pt) WCAG AA × Fail

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 51.5921, 0.3340, 0.2833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

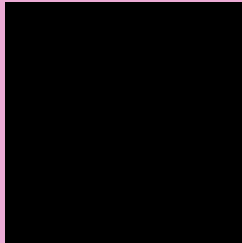
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5921, 0.3340, 0.2833

Background



This preview shows how black text looks on a background with the Yxy color 51.5921, 0.3340, 0.2833.



This preview shows how white text looks on a background with the Yxy color 51.5921, 0.3340, 0.2833.

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

51.5921, 0.3340, 0.2833

Protanopia

51.8987, 0.2823, 0.2855

Deuteranopia

51.6304, 0.3059, 0.2992



Tritanopia

51.4899, 0.3517, 0.3134

Trichromacy



Original Color

51.5921, 0.3340, 0.2833

Protanomaly

51.2329, 0.2994, 0.2834

Deuteranomaly

51.4918, 0.3161, 0.2931

Tritanomaly

51.6730, 0.3448, 0.3024

Monochromacy



Original Color

51.5921, 0.3340, 0.2833

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.0837, 0.3202, 0.3102

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5921, 0.3340, 0.2833 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, 171, 213)` looks like.

```
.text, #text, p{  
    color:rgb(235, 171, 213)  
}
```

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, 171, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 171, 213) }
```

Border

The CSS property to change the border of an element to Yxy 51.5921, 0.3340, 0.2833 is called "border". The border property can be set on classes, ids or directly on the HTML element.

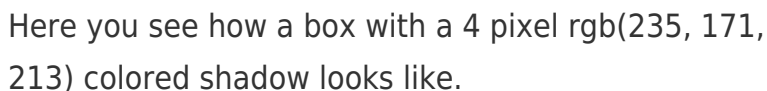
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 171, 213) }
```

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

```
.border{ border-color:rgb(235, 171, 213) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 171, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 171, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 171, 213);  
box-shadow:4px 4px 4px 4px rgb(235, 171,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5921, 0.3340, 0.2833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 171, 213) }
```

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

```
.background{ background-color: rgb(235,  
171, 213) }
```

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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