

Converting Colors

Yxy(51.6146, 0.3421, 0.2912)

Have a look what the booklet for
Yxy(51.6146, 0.3421, 0.2912)
contains.

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Color

Yxy(51.5866, 0.3418, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	EDABCE
RGB	237, 171, 206
RGB Percent	93%, 67%, 81%
CMY	0.0706, 0.3294, 0.1920
CMYK	0.00, 0.28, 0.13, 0.07
HSL	328°, 65%, 80%
HSV	328°, 28%, 93%
XYZ	60.6338, 51.5866, 65.1751
YIQ	194.7240, 28.1010, 24.8770

Conversions

Conversions Part 2

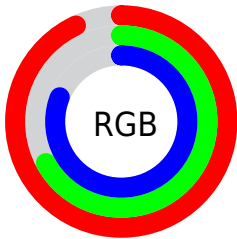
Format	Color
R _Y B	237, 171, 206
Decimal	15576014
CIE Lab	77.03, 29.42, -8.15
CIE LCh	77, 30.527, 344.513
Yxy	51.5866, 0.3418, 0.2908
Android (android.graphics.Color)	4293766094 (0xFFEDABCE)
YUV	194.7240, 5.5591, 37.0761
Hunter-Lab	71.8238, 24.9983, -3.5249

Details

The Yxy color **51.5866, 0.3418, 0.2908** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **73.4942, 0.2913, 0.3707**, and the grayscale version is **54.3566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **24.9272, 0.3488, 0.2808** is the 20% darker color. If you saturate the color by 10%, you get **42.9022, 0.3562, 0.2766**, and if you desaturate by 10%, it is **61.9192, 0.3296, 0.3050**.

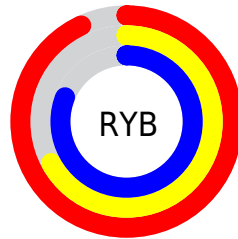
Distribution



Red (93%)

Green (67%)

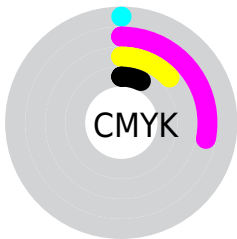
Blue (81%)



Red (93%)

Yellow (67%)

Blue (81%)

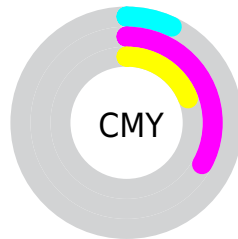


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (7%)



Cyan (7%)


Magenta (33%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5866, 0.3418, 0.2908 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 51.5866, 0.3418, 0.2908 by changing the saturation by 10% instead.


 51.5866, 0.3418,
0.2908

 51.5866, 0.3418,
0.2908


392.8386, 0.3278,
0.3090

 36.6757, 0.3451,
0.2865


 92.5213, 0.3368,
0.2972

 24.9565, 0.3494,
0.2811


119.3138, 0.3349,
0.2997

 16.0446, 0.3548,
0.2742


150.8357, 0.3333,
0.3018

 9.5557, 0.3622,
0.2650

187.4712, 0.3319,
0.3036

 5.1054, 0.3726,
0.2521

229.6049, 0.3307,
0.3052

 2.3092, 0.3887,
0.2328

277.6211, 0.3296,

 0.7786, 0.4165,

0.3066

0.2001

331.9042, 0.3286,
0.3079

0.0000, 0.6567,
0.0000

0.0000, 0.0000,
0.0000

51.5866, 0.3418,
0.2908

51.5866, 0.3418,
0.2908

42.9022, 0.3562,
0.2766

61.9192, 0.3296,
0.3050

35.7723, 0.3730,
0.2631

73.9732, 0.3195,
0.3187

30.1047, 0.3922,
0.2513

87.8257, 0.3110,
0.3317

25.7944, 0.4135,
0.2424

96.4608, 0.3042,
0.3334

■ 22.7221, 0.4361,
0.2375

■ 96.7461, 0.3017,
0.3290

■ 20.7477, 0.4591,
0.2378

■ 19.6800, 0.4813,
0.2435

■ 19.5072, 0.4860,
0.2451

Harmonies

Analogous

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



51.5866, 0.2998, 0.2698



51.5866, 0.3418, 0.2908



51.5866, 0.3775, 0.3208

Triad

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



51.5866, 0.3418, 0.2908



51.5866, 0.3605, 0.4019



51.5866, 0.2372, 0.2950

Complementary

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



51.5866, 0.3418, 0.2908



73.4942, 0.2913, 0.3707

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.



51.5866, 0.2512, 0.3325



51.5866, 0.3418, 0.2908



51.5866, 0.3213, 0.3985

Square

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



51.5866, 0.3418, 0.2908



51.5866, 0.3879, 0.3842



51.5866, 0.2814, 0.3721



51.5866, 0.2417, 0.2704

Rectangle

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



51.5866, 0.3418, 0.2908



51.5866, 0.3915, 0.3432



51.5866, 0.2814, 0.3721



51.5866, 0.2398, 0.3065

Sweetspot

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



51.5889, 0.3418, 0.2908



87.0666, 0.3196, 0.3185



47.7690, 0.2874, 0.2535



18.1482, 0.3211, 0.3165



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.



51.5889, 0.3418, 0.2908



55.2619, 0.3491, 0.2833



50.1559, 0.3716, 0.3267



15.1877, 0.3210, 0.3166



10.6761, 0.4826, 0.2432



0.8578, 0.4541, 0.2275

Inverse Universe

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



51.5889, 0.3418, 0.2908



55.2619, 0.3491, 0.2833



75.2183, 0.2734, 0.3314



15.1877, 0.3210, 0.3166



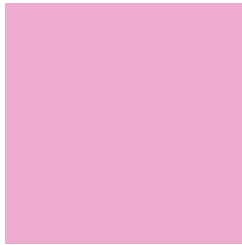
10.6761, 0.4826, 0.2432



0.8578, 0.4541, 0.2275

Previews

White Background



This preview shows how the Yxy color 51.5866, 0.3418, 0.2908 looks on a white background.

Color Contrast Check

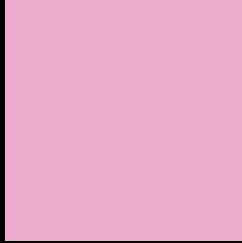
Large Text (above 18pt) WCAG AA × Fail

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 51.5866, 0.3418, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

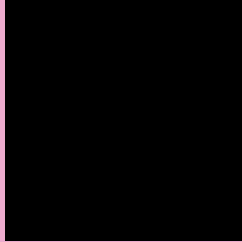
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5866, 0.3418, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 51.5866, 0.3418, 0.2908.



This preview shows how white text looks on a background with the Yxy color 51.5866, 0.3418, 0.2908.

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

51.5866, 0.3418, 0.2908

Protanopia

51.8440, 0.2900, 0.2949

Deuteranopia

51.7062, 0.3137, 0.3075



Tritanopia

51.5651, 0.3555, 0.3135

Trichromacy



Original Color

51.5866, 0.3418, 0.2908



Protanomaly

51.2391, 0.3078, 0.2925



Deuteranomaly

51.4492, 0.3234, 0.3012



Tritanomaly

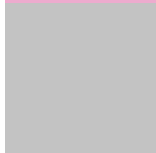
51.6601, 0.3503, 0.3047

Monochromacy



Original Color

51.5866, 0.3418, 0.2908



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.9430, 0.3226, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5866, 0.3418, 0.2908 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(237, 171, 206)` looks like.

```
.text, #text, p{  
    color:rgb(237, 171, 206)  
}
```

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(237, 171, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 206) }
```

Border

The CSS property to change the border of an element to Yxy 51.5866, 0.3418, 0.2908 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(237, 171, 206) }
```

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

```
.border{ border-color:rgb(237, 171, 206) }
```

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

Here you see how a box with a 4 pixel rgb(237, 171, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 171, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 171, 206);  
box-shadow:4px 4px 4px 4px rgb(237, 171,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5866, 0.3418, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 206) }
```

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

```
.background{ background-color: rgb(237,  
171, 206) }
```

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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