

Converting Colors

$Yxy(50.7856, 0.3390, 0.2883)$

Have a look what the booklet for
Yxy(50.7856, 0.3390, 0.2883)
contains.

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Color

Yxy(50.9166, 0.3393, 0.2885)

Conversions

Conversions Part 1

Format	Color
Hex	EBAACF
RGB	235, 170, 207
RGB Percent	92%, 67%, 81%
CMY	0.0786, 0.3332, 0.1883
CMYK	0.00, 0.28, 0.12, 0.08
HSL	326°, 62%, 79%
HSV	326°, 28%, 92%
XYZ	59.8822, 50.9166, 65.6886
YIQ	193.6530, 26.8630, 25.2870

Conversions

Conversions Part 2

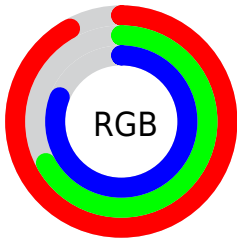
Format	Color
R_{YB}	235, 170, 207
Decimal	15444687
CIE _{Lab}	76.63, 29.38, -9.29
CIE _{LCh}	77, 30.811, 342.450
Yxy	50.9166, 0.3393, 0.2885
Android (android.graphics.Color)	4293634767 (0xFFEBAACF)
YUV	193.6530, 6.5801, 36.2613
Hunter-Lab	71.3559, 24.9252, -4.6319

Details

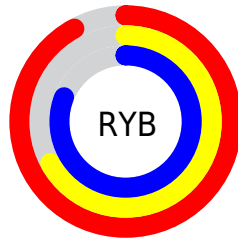
The Yxy color **50.9166, 0.3393, 0.2885** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **72.0121, 0.2928, 0.3734**, and the grayscale version is **53.6814, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8727, 0.3140, 0.3009**, and **24.4875, 0.3454, 0.2776** is the 20% darker color. If you saturate the color by 10%, you get **42.4019, 0.3524, 0.2734**, and if you desaturate by 10%, it is **61.0418, 0.3281, 0.3036**.

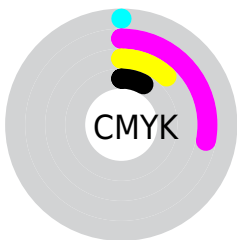
Distribution



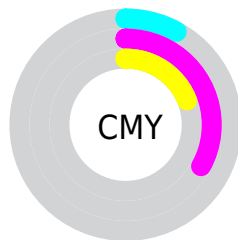
- Red (92%)
- Green (67%)
- Blue (81%)



- Red (92%)
- Yellow (67%)
- Blue (81%)



- Cyan (0%)
- Magenta (28%)
- Yellow (12%)
- Black (8%)





- Cyan (8%)
- Magenta (33%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9166, 0.3393, 0.2885 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 50.9166, 0.3393, 0.2885 by changing the saturation by 10% instead.


 50.9166, 0.3393,
0.2885

 50.9166, 0.3393,
0.2885


390.2397, 0.3265,
0.3078

 36.1422, 0.3423,
0.2840


 91.5315, 0.3348,
0.2953

 24.5441, 0.3462,
0.2783


118.1408, 0.3330,
0.2979

 15.7377, 0.3511,
0.2710


149.4639, 0.3316,
0.3002

 9.3387, 0.3578,
0.2612

185.8851, 0.3303,
0.3021

 4.9628, 0.3672,
0.2476

227.7889, 0.3292,
0.3038

 2.2254, 0.3815,
0.2272

275.5597, 0.3282,

 0.7338, 0.4067,

0.3053

0.1920

329.5818, 0.3273,
0.3066

0.0000, 0.5985,
0.0000

0.0000, 0.0000,
0.0000

50.9166, 0.3393,
0.2885

50.9166, 0.3393,
0.2885

42.4019, 0.3524,
0.2734

61.0418, 0.3281,
0.3036

35.4063, 0.3677,
0.2590

72.8487, 0.3188,
0.3183

29.8400, 0.3850,
0.2462

86.4127, 0.3110,
0.3322

25.6005, 0.4040,
0.2364

95.9171, 0.3047,
0.3364

■ 22.5719, 0.4243,
0.2306

■ 96.3928, 0.3005,
0.3290

■ 20.6177, 0.4448,
0.2299

■ 19.5548, 0.4648,
0.2345

■ 19.3662, 0.4695,
0.2360

Harmonies

Analogous

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



50.9166, 0.2967, 0.2681



50.9166, 0.3393, 0.2885



50.9166, 0.3764, 0.3184

Triad

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



50.9166, 0.3393, 0.2885



50.9166, 0.3636, 0.4023



50.9166, 0.2366, 0.2968

Complementary

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



50.9166, 0.3393, 0.2885



72.0121, 0.2928, 0.3734

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.



50.9166, 0.2520, 0.3354



50.9166, 0.3393, 0.2885



50.9166, 0.3243, 0.4006

Square

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



50.9166, 0.3393, 0.2885



50.9166, 0.3902, 0.3831



50.9166, 0.2835, 0.3752



50.9166, 0.2398, 0.2708

Rectangle

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



50.9166, 0.3393, 0.2885



50.9166, 0.3916, 0.3409



50.9166, 0.2835, 0.3752



50.9166, 0.2397, 0.3087

Sweetspot

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



50.9189, 0.3393, 0.2885



87.1146, 0.3191, 0.3177



46.6383, 0.2851, 0.2537



18.1603, 0.3205, 0.3156



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.



50.9189, 0.3393, 0.2885



55.4302, 0.3463, 0.2801



49.5276, 0.3679, 0.3231



15.1977, 0.3204, 0.3157



10.8100, 0.4665, 0.2344



0.8681, 0.4408, 0.2202

Inverse Universe

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



50.9189, 0.3393, 0.2885



55.4302, 0.3463, 0.2801



73.6220, 0.2754, 0.3352



15.1977, 0.3204, 0.3157



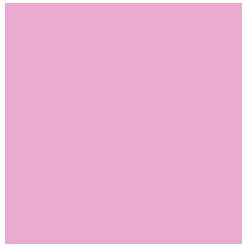
10.8100, 0.4665, 0.2344



0.8681, 0.4408, 0.2202

Previews

White Background



This preview shows how the Yxy color 50.9166, 0.3393, 0.2885 looks on a white background.

Color Contrast Check

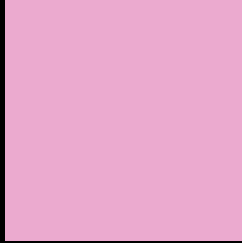
Large Text (above 18pt) WCAG AA × Fail

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 50.9166, 0.3393, 0.2885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

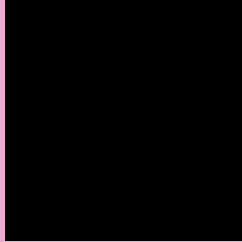
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9166, 0.3393, 0.2885

Background



This preview shows how black text looks on a background with the Yxy color 50.9166, 0.3393, 0.2885.



This preview shows how white text looks on a background with the Yxy color 50.9166, 0.3393, 0.2885.

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

50.9166, 0.3393, 0.2885

Protanopia

51.2187, 0.2877, 0.2924

Deuteranopia

51.0581, 0.3114, 0.3050



Tritanopia

51.0158, 0.3537, 0.3145

Trichromacy



Original Color

50.9166, 0.3393, 0.2885

Protanomaly

50.5993, 0.3054, 0.2900

Deuteranomaly

50.7941, 0.3209, 0.2987

Tritanomaly

51.1058, 0.3485, 0.3056

Monochromacy



Original Color

50.9166, 0.3393, 0.2885

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.3768, 0.3219, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9166, 0.3393, 0.2885 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, 170, 207)` looks like.

```
.text, #text, p{  
    color:rgb(235, 170, 207)  
}
```

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, 170, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 170, 207) }
```

Border

The CSS property to change the border of an element to Yxy 50.9166, 0.3393, 0.2885 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, 170, 207) }
```

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

```
.border{ border-color:rgb(235, 170, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 170, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 170, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 170, 207);  
box-shadow:4px 4px 4px 4px rgb(235, 170,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9166, 0.3393, 0.2885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 170, 207) }
```

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

```
.background{ background-color: rgb(235,  
170, 207) }
```

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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