

Converting Colors

$Y_{xy}(48.2781, 0.3394, 0.2797)$

Have a look what the booklet for
Yxy(48.2781, 0.3394, 0.2797)
contains.

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Color

Yxy(48.4106, 0.3394, 0.2797)

Conversions

Conversions Part 1

Format	Color
Hex	EBA3D0
RGB	235, 163, 208
RGB Percent	92%, 64%, 82%
CMY	0.0784, 0.3608, 0.1843
CMYK	0.00, 0.31, 0.11, 0.08
HSL	322°, 64%, 78%
HSV	322°, 31%, 92%
XYZ	58.7435, 48.4106, 65.9263
YIQ	189.6580, 28.4670, 29.2590

Conversions

Conversions Part 2

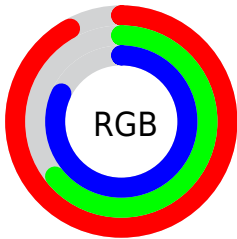
Format	Color
R _Y B	235, 163, 208
Decimal	15442896
CIE Lab	75.08, 33.30, -12.16
CIE LCh	75, 35.453, 339.944
Yxy	48.4106, 0.3394, 0.2797
Android (android.graphics.Color)	4293632976 (0xFFEBA3D0)
YUV	189.6580, 9.0426, 39.7649
Hunter-Lab	69.5777, 28.9440, -7.4741

Details

The Yxy color **48.4106, 0.3394, 0.2797** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **70.9211, 0.2931, 0.3842**, and the grayscale version is **51.2219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **22.9499, 0.3455, 0.2664** is the 20% darker color. If you saturate the color by 10%, you get **40.4067, 0.3513, 0.2634**, and if you desaturate by 10%, it is **57.9935, 0.3291, 0.2963**.

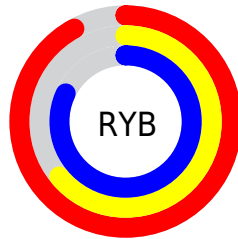
Distribution



Red (92%)

Green (64%)

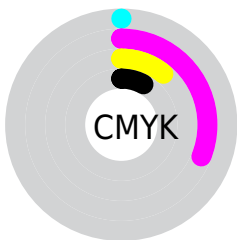
Blue (82%)



Red (92%)

Yellow (64%)

Blue (82%)

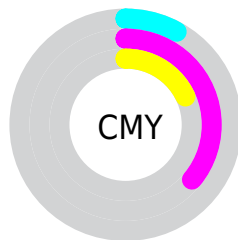


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (8%)



Cyan (8%)


Magenta (36%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4106, 0.3394, 0.2797 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 48.4106, 0.3394, 0.2797 by changing the saturation by 10% instead.


 48.4106, 0.3394,
0.2797


 48.4106, 0.3394,
0.2797


380.4173, 0.3266,
0.3032

 34.1522, 0.3424,
0.2742


 87.8154, 0.3349,
0.2880

 23.0105, 0.3462,
0.2673


 113.7306, 0.3332,
0.2912

 14.6013, 0.3511,
0.2584


144.3002, 0.3317,
0.2939

 8.5400, 0.3576,
0.2466

179.9085, 0.3304,
0.2962

 4.4424, 0.3668,
0.2301

220.9400, 0.3293,
0.2983

 1.9240, 0.3806,
0.2057

267.7790, 0.3283,

 0.5627, 0.4076,

0.3001

320.8100, 0.3274,
0.3017

0.1575

0.0000, 0.5346,
0.0000

0.0000, 0.0000,
0.0000

48.4106, 0.3394,
0.2797

48.4106, 0.3394,
0.2797

40.4067, 0.3513,
0.2634

57.9935, 0.3291,
0.2963

33.8887, 0.3649,
0.2481

69.2285, 0.3204,
0.3125

28.7641, 0.3801,
0.2350

82.1922, 0.3131,
0.3280

24.9270, 0.3965,
0.2251

95.6683, 0.3071,
0.3407

■ 22.2563, 0.4135,
0.2196

■ 96.2142, 0.3022,
0.3319

■ 20.6074, 0.4306,
0.2192

■ 96.4021, 0.3005,
0.3290

■ 19.7653, 0.4462,
0.2231

Harmonies

Analogous

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



48.4106, 0.2898, 0.2575



48.4106, 0.3394, 0.2797



48.4106, 0.3843, 0.3131

Triad

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



48.4106, 0.3394, 0.2797



48.4106, 0.3749, 0.4134



48.4106, 0.2254, 0.2941

Complementary

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



48.4106, 0.3394, 0.2797



70.9211, 0.2931, 0.3842

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.



48.4106, 0.2445, 0.3401



48.4106, 0.3394, 0.2797



48.4106, 0.3297, 0.4149

Square

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



48.4106, 0.3394, 0.2797



48.4106, 0.4046, 0.3885



48.4106, 0.2820, 0.3871



48.4106, 0.2274, 0.2629

Rectangle

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



48.4106, 0.3394, 0.2797



48.4106, 0.4036, 0.3387



48.4106, 0.2820, 0.3871



48.4106, 0.2294, 0.3082

Sweetspot

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



48.4128, 0.3394, 0.2797



85.6795, 0.3192, 0.3150



43.0649, 0.2785, 0.2439



17.8782, 0.3203, 0.3127



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.



48.4128, 0.3394, 0.2797



51.7751, 0.3470, 0.2690



46.8602, 0.3727, 0.3183



15.2124, 0.3195, 0.3144



11.0259, 0.4436, 0.2217



0.8843, 0.4221, 0.2099

Inverse Universe

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



48.4128, 0.3394, 0.2797



51.7751, 0.3470, 0.2690



72.6616, 0.2737, 0.3402



15.2124, 0.3195, 0.3144



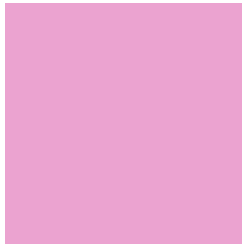
11.0259, 0.4436, 0.2217



0.8843, 0.4221, 0.2099

Previews

White Background



This preview shows how the Yxy color 48.4106, 0.3394, 0.2797 looks on a white background.

Color Contrast Check

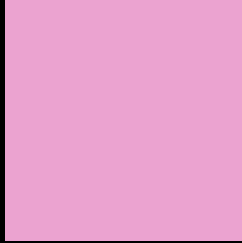
Large Text (above 18pt) WCAG AA × Fail

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 48.4106, 0.3394, 0.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

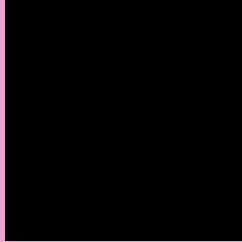
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4106, 0.3394, 0.2797

Background



This preview shows how black text looks on a background with the Yxy color 48.4106, 0.3394, 0.2797.



This preview shows how white text looks on a background with the Yxy color 48.4106, 0.3394, 0.2797.

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

48.4106, 0.3394, 0.2797

Protanopia

48.9020, 0.2795, 0.2821

Deuteranopia

48.5196, 0.3049, 0.2984



Tritanopia

48.4973, 0.3606, 0.3144

Trichromacy



Original Color

48.4106, 0.3394, 0.2797



Protanomaly

48.0662, 0.2991, 0.2801



Deuteranomaly

48.2836, 0.3171, 0.2912



Tritanomaly

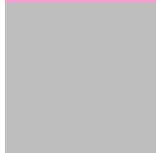
48.3577, 0.3526, 0.3010

Monochromacy



Original Color

48.4106, 0.3394, 0.2797



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.7955, 0.3214, 0.3086

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4106, 0.3394, 0.2797 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, 163, 208)` looks like.

```
.text, #text, p{  
    color:rgb(235, 163, 208)  
}
```

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, 163, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 163, 208) }
```

Border

The CSS property to change the border of an element to Yxy 48.4106, 0.3394, 0.2797 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, 163, 208) }
```

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

```
.border{ border-color:rgb(235, 163, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 163, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 163, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 163, 208);  
box-shadow:4px 4px 4px 4px rgb(235, 163,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4106, 0.3394, 0.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 163, 208) }
```

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

```
.background{ background-color: rgb(235,  
163, 208) }
```

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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