

Converting Colors

$Y_{xy}(42.8803, 0.3474, 0.2864)$

Have a look what the booklet for
Yxy(42.8803, 0.3474, 0.2864)
contains.

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Color

Yxy(42.8803, 0.3474, 0.2864)

Conversions

Conversions Part 1

Format	Color
Hex	E19ABF
RGB	225, 154, 191
RGB Percent	88%, 60%, 75%
CMY	0.1176, 0.3961, 0.2510
CMYK	0.00, 0.32, 0.15, 0.12
HSL	329°, 54%, 74%
HSV	329°, 32%, 88%
XYZ	52.0133, 42.8803, 54.8281
YIQ	179.4470, 30.4390, 26.5590

Conversions

Conversions Part 2

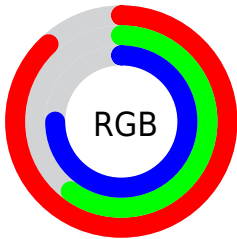
Format	Color
R _Y B	225, 154, 191
Decimal	14785215
CIE Lab	71.47, 31.93, -8.30
CIE LCh	71, 32.993, 345.433
Yxy	42.8803, 0.3474, 0.2864
Android (android.graphics.Color)	4292975295 (0xFFE19ABF)
YUV	179.4470, 5.6956, 39.9500
Hunter-Lab	65.4831, 27.1876, -3.8046

Details

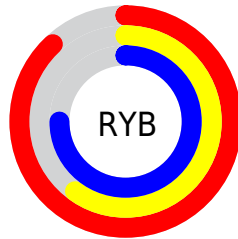
The Yxy color **42.8803, 0.3474, 0.2864** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **64.3567, 0.2883, 0.3762**, and the grayscale version is **45.2883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5763, 0.3203, 0.2916**, and **19.7727, 0.3571, 0.2747** is the 20% darker color. If you saturate the color by 10%, you get **35.6809, 0.3630, 0.2726**, and if you desaturate by 10%, it is **51.5106, 0.3342, 0.3004**.

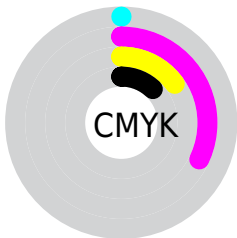
Distribution



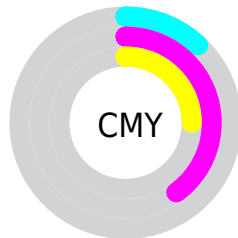
- Red (88%)
- Green (60%)
- Blue (75%)



- Red (88%)
- Yellow (60%)
- Blue (75%)



- Cyan (0%)
- Magenta (32%)
- Yellow (15%)
- Black (12%)





- Cyan (12%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8803, 0.3474, 0.2864 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 42.8803, 0.3474, 0.2864 by changing the saturation by 10% instead.


 42.8803, 0.3474,
0.2864


 42.8803, 0.3474,
0.2864


358.1193, 0.3302,
0.3073

 29.7912, 0.3517,
0.2813


 79.5302, 0.3412,
0.2939

 19.6802, 0.3571,
0.2749


 103.8598, 0.3388,
0.2967

 12.1628, 0.3643,
0.2664


132.7050, 0.3368,
0.2991

 6.8546, 0.3743,
0.2549

166.4502, 0.3351,
0.3012

 3.3714, 0.3890,
0.2382

205.4799, 0.3336,
0.3030

 1.3285, 0.4128,
0.2122

250.1784, 0.3323,

 0.1631, 0.5046,

0.3046

0.0878

300.9300, 0.3312,
0.3060

0.0000, 0.0000,
0.0000

42.8803, 0.3474,
0.2864

42.8803, 0.3474,
0.2864

35.6809, 0.3630,
0.2726

51.5106, 0.3342,
0.3004

29.8278, 0.3810,
0.2599

61.6386, 0.3232,
0.3140

25.2365, 0.4014,
0.2492

73.3338, 0.3140,
0.3270

21.8106, 0.4237,
0.2418

86.6596, 0.3064,
0.3392

19.4394, 0.4472,
0.2389

94.1144, 0.3001,
0.3392

■ 17.9902, 0.4705,
0.2413

■ 94.7491, 0.2946,
0.3289

■ 17.2996, 0.4896,
0.2471

Harmonies

Analogous

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



42.8803, 0.2990, 0.2624



42.8803, 0.3474, 0.2864



42.8803, 0.3882, 0.3204

Triad

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



42.8803, 0.3474, 0.2864



42.8803, 0.3659, 0.4131



42.8803, 0.2267, 0.2884

Complementary

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



42.8803, 0.3474, 0.2864



64.3567, 0.2883, 0.3762

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.



42.8803, 0.2416, 0.3311



42.8803, 0.3474, 0.2864



42.8803, 0.3206, 0.4092

Square

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



42.8803, 0.3474, 0.2864



42.8803, 0.3982, 0.3925



42.8803, 0.2753, 0.3777



42.8803, 0.2324, 0.2613

Rectangle

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



42.8803, 0.3474, 0.2864



42.8803, 0.4039, 0.3456



42.8803, 0.2753, 0.3777



42.8803, 0.2294, 0.3013

Sweetspot

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



42.8823, 0.3474, 0.2864



85.5336, 0.3207, 0.3174



39.1303, 0.2834, 0.2428



17.8422, 0.3221, 0.3154



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.



42.8823, 0.3474, 0.2864



50.3314, 0.3576, 0.2771



41.5332, 0.3823, 0.3264



13.8193, 0.3211, 0.3168



9.9916, 0.4863, 0.2452



0.7106, 0.4539, 0.2274

Inverse Universe

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



42.8823, 0.3474, 0.2864



50.3314, 0.3576, 0.2771



66.0342, 0.2689, 0.3318



13.8193, 0.3211, 0.3168



9.9916, 0.4863, 0.2452



0.7106, 0.4539, 0.2274

Previews

White Background



This preview shows how the Yxy color 42.8803, 0.3474, 0.2864 looks on a white background.

Color Contrast Check

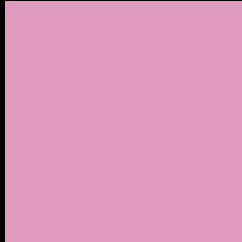
Large Text (above 18pt) WCAG AA × Fail

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 42.8803, 0.3474, 0.2864 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 42.8803, 0.3474, 0.2864

Background



This preview shows how black text looks on a background with the Yxy color 42.8803, 0.3474, 0.2864.



This preview shows how white text looks on a background with the Yxy color 42.8803, 0.3474, 0.2864.

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

42.8803, 0.3474, 0.2864

Protanopia

43.1778, 0.2860, 0.2898

Deuteranopia

42.9451, 0.3129, 0.3058



Tritanopia

43.0440, 0.3652, 0.3150

Trichromacy



Original Color

42.8803, 0.3474, 0.2864

Protanomaly

42.7081, 0.3066, 0.2887

Deuteranomaly

42.6425, 0.3253, 0.2980

Tritanomaly

43.1756, 0.3585, 0.3045

Monochromacy



Original Color

42.8803, 0.3474, 0.2864

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.9041, 0.3253, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8803, 0.3474, 0.2864 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(225, 154, 191)` looks like.

```
.text, #text, p{  
    color:rgb(225, 154, 191)  
}
```

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(225, 154, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 154, 191) }
```

Border

The CSS property to change the border of an element to Yxy 42.8803, 0.3474, 0.2864 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(225, 154, 191) }
```

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

```
.border{ border-color:rgb(225, 154, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 154, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 154, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 154, 191);  
box-shadow:4px 4px 4px 4px rgb(225, 154,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8803, 0.3474, 0.2864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 154, 191) }
```

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

```
.background{ background-color: rgb(225,  
154, 191) }
```

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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