

Converting Colors

$Y_{xy}(43.0908, 0.3734, 0.3107)$

Have a look what the booklet for
Yxy(43.0908, 0.3734, 0.3107)
contains.

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Color

Yxy(43.0024, 0.3741, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	E79AAA
RGB	231, 154, 170
RGB Percent	91%, 60%, 67%
CMY	0.0942, 0.3960, 0.3334
CMYK	0.00, 0.33, 0.26, 0.09
HSL	348°, 62%, 75%
HSV	348°, 33%, 91%
XYZ	51.7606, 43.0024, 43.5973
YIQ	178.8470, 40.7560, 21.3000

Conversions

Conversions Part 2

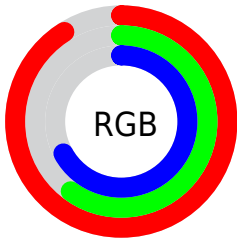
Format	Color
R _Y B	231, 154, 170
Decimal	15178410
CIE Lab	71.56, 30.91, 3.55
CIE LCh	72, 31.114, 6.549
Yxy	43.0024, 0.3741, 0.3108
Android (android.graphics.Color)	4293368490 (0xFFE79AAA)
YUV	178.8470, -4.3616, 45.7382
Hunter-Lab	65.5762, 26.1352, 6.4853

Details

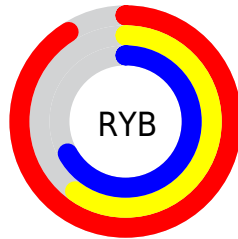
The Yxy color **43.0024, 0.3741, 0.3108** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.9189, 0.2738, 0.3484**, and the grayscale version is **45.0019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2972, 0.3360, 0.3129**, and **19.8094, 0.3925, 0.3052** is the 20% darker color. If you saturate the color by 10%, you get **35.4533, 0.4022, 0.3054**, and if you desaturate by 10%, it is **52.1190, 0.3510, 0.3165**.

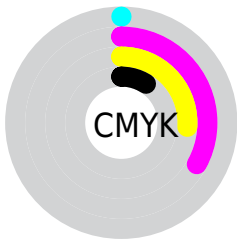
Distribution



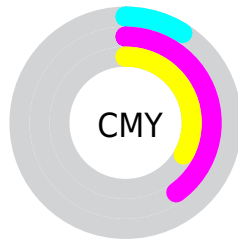
- Red (91%)
- Green (60%)
- Blue (67%)



- Red (91%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (33%)
- Yellow (26%)
- Black (9%)




- Cyan (9%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0024, 0.3741, 0.3108 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 43.0024, 0.3741, 0.3108 by changing the saturation by 10% instead.


 43.0024, 0.3741,
0.3108


 43.0024, 0.3741,
0.3108


358.6216, 0.3429,
0.3203

 29.8870, 0.3821,
0.3083


 79.7145, 0.3626,
0.3144

 19.7528, 0.3924,
0.3050


 104.0800, 0.3584,
0.3157

 12.2155, 0.4062,
0.3005


132.9642, 0.3548,
0.3168

 6.8906, 0.4258,
0.2939

166.7517, 0.3517,
0.3177

 3.3938, 0.4555,
0.2837

205.8268, 0.3490,
0.3185

 1.3406, 0.5053,
0.2656

250.5739, 0.3467,

 0.1723, 0.8423,

0.3192

0.1577

301.3774, 0.3447,
0.3198

0.0000, 0.0000,
0.0000

43.0024, 0.3741,
0.3108

43.0024, 0.3741,
0.3108

35.4533, 0.4022,
0.3054

52.1190, 0.3510,
0.3165

29.3771, 0.4356,
0.3007

62.8784, 0.3322,
0.3221

24.6787, 0.4738,
0.2977

75.3584, 0.3171,
0.3273

21.2491, 0.5149,
0.2973

89.6300, 0.3048,
0.3322

18.9626, 0.5553,
0.3004

95.7256, 0.2981,
0.3290

■ 17.6675, 0.5900,
0.3071

■ 17.1985, 0.6085,
0.3126

Harmonies

Analogous

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



43.0024, 0.3321, 0.2807



43.0024, 0.3741, 0.3108



43.0024, 0.3990, 0.3464

Triad

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



43.0024, 0.3741, 0.3108



43.0024, 0.3336, 0.4082



43.0024, 0.2330, 0.2710

Complementary

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



43.0024, 0.3741, 0.3108



68.9189, 0.2738, 0.3484

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.



43.0024, 0.2335, 0.3017



43.0024, 0.3741, 0.3108



43.0024, 0.2895, 0.3857

Square

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



43.0024, 0.3741, 0.3108



43.0024, 0.3738, 0.4046



43.0024, 0.2534, 0.3445



43.0024, 0.2518, 0.2576

Rectangle

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



43.0024, 0.3741, 0.3108



43.0024, 0.4016, 0.3698



43.0024, 0.2534, 0.3445



43.0024, 0.2310, 0.2794

Sweetspot

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



43.0044, 0.3741, 0.3108



83.5619, 0.3269, 0.3238



43.2273, 0.3020, 0.2427



17.4295, 0.3292, 0.3231



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.



43.0044, 0.3741, 0.3108



47.1051, 0.3929, 0.3070



50.3007, 0.3822, 0.3542



14.4167, 0.3260, 0.3241



9.6581, 0.6049, 0.3106



0.7270, 0.5648, 0.2885

Inverse Universe

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



43.0044, 0.3741, 0.3108



47.1051, 0.3929, 0.3070



58.3264, 0.2620, 0.3021



14.4167, 0.3260, 0.3241



9.6581, 0.6049, 0.3106



0.7270, 0.5648, 0.2885

Previews

White Background



This preview shows how the Yxy color 43.0024, 0.3741, 0.3108 looks on a white background.

Color Contrast Check

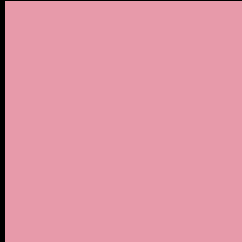
Large Text (above 18pt) WCAG AA × Fail

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 43.0024, 0.3741, 0.3108 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 43.0024, 0.3741, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 43.0024, 0.3741, 0.3108.



This preview shows how white text looks on a background with the Yxy color 43.0024, 0.3741, 0.3108.

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

43.0024, 0.3741, 0.3108

Protanopia

43.3845, 0.3088, 0.3197

Deuteranopia

43.2752, 0.3394, 0.3329



Tritanopia

43.1848, 0.3779, 0.3165

Trichromacy



Original Color

43.0024, 0.3741, 0.3108

Protanomaly

42.7221, 0.3310, 0.3151

Deuteranomaly

42.9334, 0.3521, 0.3242

Tritanomaly

43.2216, 0.3769, 0.3154

Monochromacy



Original Color

43.0024, 0.3741, 0.3108

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.8898, 0.3332, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0024, 0.3741, 0.3108 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(231, 154, 170)` looks like.

```
.text, #text, p{  
    color:rgb(231, 154, 170)  
}
```

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(231, 154, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 154, 170) }
```

Border

The CSS property to change the border of an element to Yxy 43.0024, 0.3741, 0.3108 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(231, 154, 170) }
```

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

```
.border{ border-color:rgb(231, 154, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 154, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 154, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 154, 170);  
box-shadow:4px 4px 4px 4px rgb(231, 154,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0024, 0.3741, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 154, 170) }
```

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

```
.background{ background-color: rgb(231,  
154, 170) }
```

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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