

Converting Colors

$Y_{xy}(42.3425, 0.3821, 0.2952)$

Have a look what the booklet for
Yxy(42.3425, 0.3821, 0.2952)
contains.

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Color

Yxy(42.4401, 0.3821, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	F391B0
RGB	243, 145, 176
RGB Percent	95%, 57%, 69%
CMY	0.0472, 0.4313, 0.3099
CMYK	0.00, 0.40, 0.28, 0.05
HSL	341°, 80%, 76%
HSV	341°, 40%, 95%
XYZ	54.9149, 42.4401, 46.3636
YIQ	177.8360, 48.4570, 30.4170

Conversions

Conversions Part 2

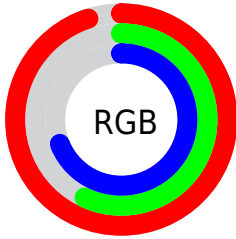
Format	Color
R_{YB}	243, 145, 176
Decimal	15962544
CIE _{Lab}	71.17, 40.69, -0.17
CIE _{LCh}	71, 40.695, 359.766
Yxy	42.4401, 0.3821, 0.2953
Android (android.graphics.Color)	4294152624 (0xFFFF391B0)
YUV	177.8360, -0.9051, 57.1488
Hunter-Lab	65.1461, 36.4609, 3.4063

Details

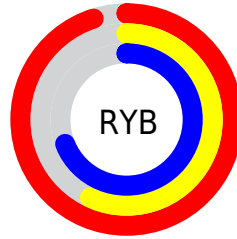
The Yxy color $42.4401, 0.3821, 0.2953$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $74.8590, 0.2722, 0.3665$, and the grayscale version is $44.4172, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.3947, 0.3319, 0.2969$, and $19.4238, 0.4024, 0.2845$ is the 20% darker color. If you saturate the color by 10%, you get $35.1744, 0.4091, 0.2875$, and if you desaturate by 10%, it is $51.3782, 0.3595, 0.3038$.

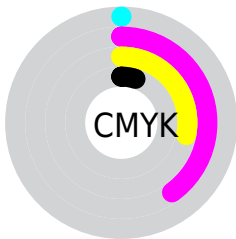
Distribution



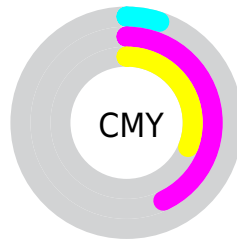
- Red (95%)
- Green (57%)
- Blue (69%)



- Red (95%)
- Yellow (57%)
- Blue (69%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (5%)




- Cyan (5%)
- Magenta (43%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4401, 0.3821, 0.2953 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 42.4401, 0.3821, 0.2953 by changing the saturation by 10% instead.


 42.4401, 0.3821,
0.2953

 42.4401, 0.3821,
0.2953


356.3041, 0.3469,
0.3124

 29.4461, 0.3910,
0.2910

 78.8653, 0.3692,
0.3015

 19.4185, 0.4025,
0.2854


 103.0652, 0.3644,
0.3039

 11.9731, 0.4179,
0.2780

131.7692, 0.3604,
0.3059

 6.7253, 0.4395,
0.2675

165.3616, 0.3569,
0.3075

 3.2909, 0.4719,
0.2518

204.2270, 0.3539,
0.3090

 1.2854, 0.5254,
0.2260

248.7495, 0.3513,

 0.1299, 0.8023,

0.3103

0.0908

299.3138, 0.3490,
0.3114

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.4401, 0.3821,
0.2953

42.4401, 0.3821,
0.2953

35.1744, 0.4091,
0.2875

51.3782, 0.3595,
0.3038

29.4698, 0.4403,
0.2814

62.0784, 0.3408,
0.3125

25.2114, 0.4750,
0.2781

74.6312, 0.3255,
0.3209

22.2653, 0.5110,
0.2790

89.1192, 0.3131,
0.3288

■ 20.4723, 0.5455,
0.2846

■ 97.7892, 0.3053,
0.3290

■ 19.5822, 0.5747,
0.2940

Harmonies

Analogous

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



42.4401, 0.3236, 0.2604



42.4401, 0.3821, 0.2953



42.4401, 0.4218, 0.3389

Triad

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



42.4401, 0.3821, 0.2953



42.4401, 0.3512, 0.4362



42.4401, 0.2087, 0.2598

Complementary

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



42.4401, 0.3821, 0.2953



74.8590, 0.2722, 0.3665

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.



42.4401, 0.2144, 0.3034



42.4401, 0.3821, 0.2953



42.4401, 0.2938, 0.4151

Square

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



42.4401, 0.3821, 0.2953



42.4401, 0.4009, 0.4212



42.4401, 0.2442, 0.3624



42.4401, 0.2269, 0.2390

Rectangle

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



42.4401, 0.3821, 0.2953



42.4401, 0.4299, 0.3693



42.4401, 0.2442, 0.3624



42.4401, 0.2079, 0.2719

Sweetspot

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



42.4422, 0.3821, 0.2953



80.7313, 0.3279, 0.3195



40.7184, 0.2905, 0.2213



16.8715, 0.3298, 0.3184



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.



42.4422, 0.3821, 0.2953



40.8771, 0.4028, 0.2891



47.2826, 0.4072, 0.3491



16.5688, 0.3244, 0.3215



10.7720, 0.5706, 0.2917



0.9646, 0.5353, 0.2723

Inverse Universe

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



42.4422, 0.3821, 0.2953



40.8771, 0.4028, 0.2891



66.3489, 0.2538, 0.3074



16.5688, 0.3244, 0.3215



10.7720, 0.5706, 0.2917



0.9646, 0.5353, 0.2723

Previews

White Background



This preview shows how the Yxy color 42.4401, 0.3821, 0.2953 looks on a white background.

Color Contrast Check

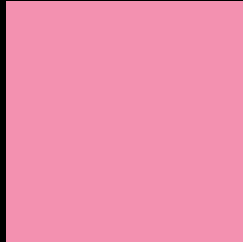
Large Text (above 18pt) WCAG AA × Fail

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 42.4401, 0.3821, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

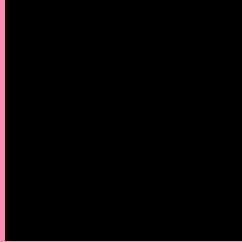
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4401, 0.3821, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 42.4401, 0.3821, 0.2953.



This preview shows how white text looks on a background with the Yxy color 42.4401, 0.3821, 0.2953.

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

42.4401, 0.3821, 0.2953

Protanopia

42.5081, 0.2958, 0.3024

Deuteranopia

42.6919, 0.3323, 0.3252



Tritanopia

42.3838, 0.3974, 0.3170

Trichromacy



Original Color

42.4401, 0.3821, 0.2953



Protanomaly

41.7880, 0.3244, 0.2988



Deuteranomaly

42.0076, 0.3502, 0.3131



Tritanomaly

42.4613, 0.3923, 0.3093

Monochromacy



Original Color

42.4401, 0.3821, 0.2953



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

43.0033, 0.3367, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4401, 0.3821, 0.2953 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(243, 145, 176)` looks like.

```
.text, #text, p{  
    color:rgb(243, 145, 176)  
}
```

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(243, 145, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 145, 176) }
```

Border

The CSS property to change the border of an element to Yxy 42.4401, 0.3821, 0.2953 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(243, 145, 176) }
```

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

```
.border{ border-color:rgb(243, 145, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 145, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 145, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 145, 176);  
box-shadow:4px 4px 4px 4px rgb(243, 145,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4401, 0.3821, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 145, 176) }
```

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

```
.background{ background-color: rgb(243,  
145, 176) }
```

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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