

Converting Colors

$Y_{xy}(51.3851, 0.3412, 0.2681)$

Have a look what the booklet for
Yxy(51.3851, 0.3412, 0.2681)
contains.

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Color

Yxy(51.3851, 0.3412, 0.2681)

Conversions

Conversions Part 1

Format	Color
Hex	FAA2DD
RGB	250, 162, 221
RGB Percent	98%, 64%, 87%
CMY	0.0196, 0.3647, 0.1333
CMYK	0.00, 0.35, 0.12, 0.02
HSL	320°, 90%, 81%
HSV	320°, 35%, 98%
XYZ	65.3957, 51.3851, 74.8831
YIQ	195.0380, 33.5090, 37.0050

Conversions

Conversions Part 2

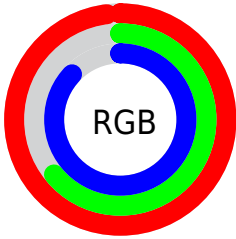
Format	Color
R_{YB}	250, 162, 221
Decimal	16425693
CIE _{Lab}	76.91, 40.93, -16.35
CIE _{LCh}	77, 44.070, 338.229
Yxy	51.3851, 0.3412, 0.2681
Android (android.graphics.Color)	4294615773 (0xFFFAA2DD)
YUV	195.0380, 12.7993, 48.2017
Hunter-Lab	71.6834, 37.3970, -11.7581

Details

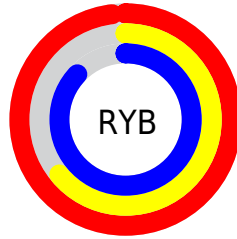
The Yxy color **51.3851, 0.3412, 0.2681** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.8134, 0.2926, 0.3992**, and the grayscale version is **54.5061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6228, 0.3144, 0.2930**, and **24.8969, 0.3476, 0.2539** is the 20% darker color. If you saturate the color by 10%, you get **43.0093, 0.3524, 0.2511**, and if you desaturate by 10%, it is **61.5377, 0.3314, 0.2858**.

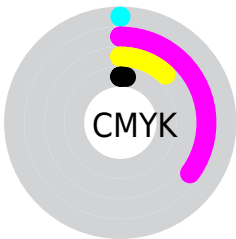
Distribution



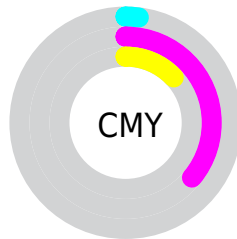
- Red (98%)
- Green (64%)
- Blue (87%)



- Red (98%)
- Yellow (64%)
- Blue (87%)



- Cyan (0%)
- Magenta (35%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (36%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3851, 0.3412, 0.2681 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 51.3851, 0.3412, 0.2681 by changing the saturation by 10% instead.

 51.3851, 0.3412,
0.2681


 51.3851, 0.3412,
0.2681


392.0581, 0.3280,
0.2964

 36.5152, 0.3442,
0.2616


 92.2238, 0.3366,
0.2780

 24.8323, 0.3480,
0.2536


 118.9613, 0.3348,
0.2818

 15.9522, 0.3527,
0.2434


150.4235, 0.3333,
0.2851

 9.4903, 0.3589,
0.2302

186.9947, 0.3319,
0.2879

 5.0624, 0.3673,
0.2122

229.0594, 0.3308,
0.2905

 2.2839, 0.3793,
0.1866

277.0020, 0.3297,

 0.7652, 0.3979,

0.2927

0.1469

331.2067, 0.3288,
0.2947

0.0000, 0.4666,
0.0000

0.0000, 0.0000,
0.0000

51.3851, 0.3412,
0.2681

51.3851, 0.3412,
0.2681

43.0093, 0.3524,
0.2511

61.5377, 0.3314,
0.2858

36.2988, 0.3648,
0.2357

73.5562, 0.3231,
0.3034

31.1403, 0.3784,
0.2231

87.5319, 0.3160,
0.3205

27.4032, 0.3928,
0.2143

98.9964, 0.3102,
0.3300

■ 24.9354, 0.4073,
0.2103

■ 99.0636, 0.3096,
0.3290

■ 23.5495, 0.4215,
0.2114

■ 23.1371, 0.4283,
0.2133

Harmonies

Analogous

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



51.3851, 0.2813, 0.2429



51.3851, 0.3412, 0.2681



51.3851, 0.3974, 0.3066

Triad

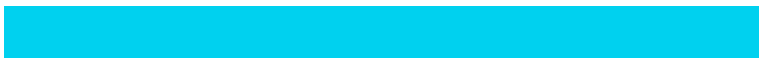
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



51.3851, 0.3412, 0.2681



51.3851, 0.3896, 0.4299



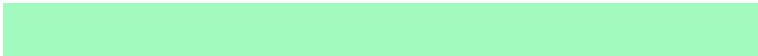
51.3851, 0.2089, 0.2882

Complementary

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



51.3851, 0.3412, 0.2681



79.8134, 0.2926, 0.3992

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.



51.3851, 0.2323, 0.3454



51.3851, 0.3412, 0.2681



51.3851, 0.3354, 0.4360

Square

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



51.3851, 0.3412, 0.2681



51.3851, 0.4251, 0.3967



51.3851, 0.2778, 0.4038



51.3851, 0.2100, 0.2504

Rectangle

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



51.3851, 0.3412, 0.2681



51.3851, 0.4222, 0.3366



51.3851, 0.2778, 0.4038



51.3851, 0.2140, 0.3057

Sweetspot

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



51.3875, 0.3412, 0.2681



82.8098, 0.3199, 0.3106



43.6754, 0.2687, 0.2284



17.3091, 0.3209, 0.3083



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.



51.3875, 0.3412, 0.2681



47.5606, 0.3487, 0.2563



49.3865, 0.3815, 0.3119



17.4216, 0.3189, 0.3132



12.3006, 0.4260, 0.2121



1.1588, 0.4103, 0.2034

Inverse Universe

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



51.3875, 0.3412, 0.2681



47.5606, 0.3487, 0.2563



81.9848, 0.2707, 0.3472



17.4216, 0.3189, 0.3132



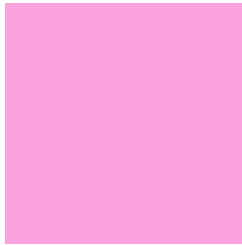
12.3006, 0.4260, 0.2121



1.1588, 0.4103, 0.2034

Previews

White Background



This preview shows how the Yxy color 51.3851, 0.3412, 0.2681 looks on a white background.

Color Contrast Check

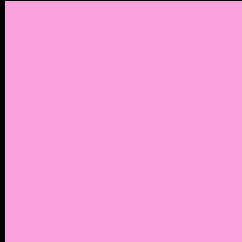
Large Text (above 18pt) WCAG AA × Fail

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 51.3851, 0.3412, 0.2681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

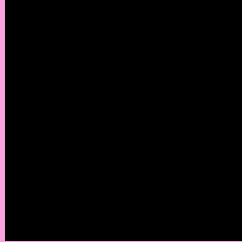
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.3851, 0.3412, 0.2681

Background



This preview shows how black text looks on a background with the Yxy color 51.3851, 0.3412, 0.2681.



This preview shows how white text looks on a background with the Yxy color 51.3851, 0.3412, 0.2681.

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

51.3851, 0.3412, 0.2681

Protanopia

51.6634, 0.2698, 0.2684

Deuteranopia

51.4434, 0.2976, 0.2908



Tritanopia

51.1658, 0.3712, 0.3150

Trichromacy



Original Color

51.3851, 0.3412, 0.2681



Protanomaly

50.9038, 0.2930, 0.2683



Deuteranomaly

51.1052, 0.3132, 0.2823



Tritanomaly

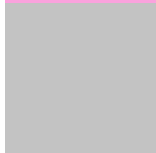
51.0321, 0.3606, 0.2970

Monochromacy



Original Color

51.3851, 0.3412, 0.2681



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.6737, 0.3231, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3851, 0.3412, 0.2681 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(250, 162, 221)` looks like.

```
.text, #text, p{  
    color:rgb(250, 162, 221)  
}
```

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(250, 162, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 162, 221) }
```

Border

The CSS property to change the border of an element to Yxy 51.3851, 0.3412, 0.2681 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(250, 162, 221) }
```

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

```
.border{ border-color:rgb(250, 162, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 162, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 162, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 162, 221);  
box-shadow:4px 4px 4px 4px rgb(250, 162,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3851, 0.3412, 0.2681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 162, 221) }
```

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

```
.background{ background-color: rgb(250,  
162, 221) }
```

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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