

Converting Colors

$Y_{xy}(52.1040, 0.3426, 0.2718)$

Have a look what the booklet for
Yxy(52.1040, 0.3426, 0.2718)
contains.

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Color

Yxy(51.9894, 0.3427, 0.2721)

Conversions

Conversions Part 1

Format	Color
Hex	FAA4DB
RGB	250, 164, 219
RGB Percent	98%, 64%, 86%
CMY	0.0197, 0.3568, 0.1412
CMYK	0.00, 0.34, 0.12, 0.02
HSL	322°, 90%, 81%
HSV	322°, 34%, 98%
XYZ	65.4787, 51.9894, 73.5991
YIQ	195.9840, 33.6010, 35.3370

Conversions

Conversions Part 2

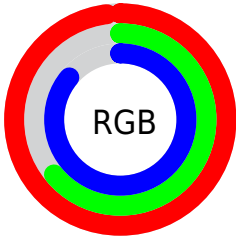
Format	Color
R_{YB}	250, 164, 219
Decimal	16426203
CIE _{Lab}	77.27, 39.55, -14.70
CIE _{LCh}	77, 42.195, 339.604
Yxy	51.9894, 0.3427, 0.2721
Android (android.graphics.Color)	4294616283 (0xFFFAA4DB)
YUV	195.9840, 11.3469, 47.3720
Hunter-Lab	72.1037, 35.9179, -10.0471

Details

The Yxy color **51.9894, 0.3427, 0.2721** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.1905, 0.2916, 0.3940**, and the grayscale version is **55.1091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6664, 0.3143, 0.2950**, and **25.2557, 0.3497, 0.2588** is the 20% darker color. If you saturate the color by 10%, you get **43.4437, 0.3548, 0.2557**, and if you desaturate by 10%, it is **62.3239, 0.3322, 0.2891**.

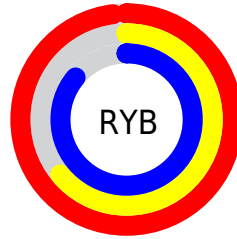
Distribution



Red (98%)

Green (64%)

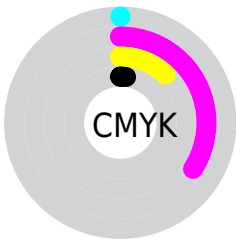
Blue (86%)



Red (98%)

Yellow (64%)

Blue (86%)

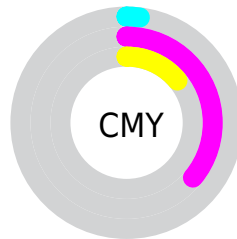


Cyan (0%)

Magenta (34%)

Yellow (12%)

Black (2%)



Cyan (2%)


Magenta (36%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.9894, 0.3427, 0.2721 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 51.9894, 0.3427, 0.2721 by changing the saturation by 10% instead.


 51.9894, 0.3427,
0.2721

 51.9894, 0.3427,
0.2721


394.3957, 0.3287,
0.2986

 36.9966, 0.3459,
0.2660


 93.1156, 0.3378,
0.2813

 25.2049, 0.3500,
0.2585


 120.0178, 0.3359,
0.2849

 16.2298, 0.3551,
0.2489

151.6587, 0.3343,
0.2880

 9.6869, 0.3619,
0.2364

188.4225, 0.3328,
0.2907

 5.1919, 0.3711,
0.2193

230.6937, 0.3316,
0.2930

 2.3603, 0.3845,
0.1948

278.8567, 0.3305,

 0.8053, 0.4056,

0.2951

0.1570

333.2959, 0.3295,
0.2970

■ 0.0000, 0.4924,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.9894, 0.3427,
0.2721

■ 51.9894, 0.3427,
0.2721

■ 43.4437, 0.3548,
0.2557

■ 62.3239, 0.3322,
0.2891

■ 36.5757, 0.3685,
0.2408

■ 74.5354, 0.3232,
0.3059

■ 31.2732, 0.3835,
0.2284

■ 88.7150, 0.3156,
0.3221

■ 27.4069, 0.3995,
0.2199

■ 99.0594, 0.3096,
0.3290

■ 24.8267, 0.4158,
0.2161

■ 23.3490, 0.4319,
0.2175

■ 22.8535, 0.4407,
0.2201

Harmonies

Analogous

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



51.9894, 0.2853, 0.2472



51.9894, 0.3427, 0.2721



51.9894, 0.3955, 0.3097

Triad

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



51.9894, 0.3427, 0.2721



51.9894, 0.3844, 0.4264



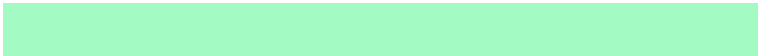
51.9894, 0.2127, 0.2882

Complementary

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



51.9894, 0.3427, 0.2721



80.1905, 0.2916, 0.3940

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.



51.9894, 0.2343, 0.3421



51.9894, 0.3427, 0.2721



51.9894, 0.3321, 0.4301

Square

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



51.9894, 0.3427, 0.2721



51.9894, 0.4192, 0.3960



51.9894, 0.2772, 0.3979



51.9894, 0.2149, 0.2528

Rectangle

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



51.9894, 0.3427, 0.2721



51.9894, 0.4183, 0.3386



51.9894, 0.2772, 0.3979



51.9894, 0.2173, 0.3046

Sweetspot

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



51.9918, 0.3427, 0.2721



84.2179, 0.3197, 0.3131



44.9417, 0.2721, 0.2316



17.5878, 0.3208, 0.3108



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.



51.9918, 0.3427, 0.2721



48.2430, 0.3506, 0.2611



50.0483, 0.3820, 0.3154



17.4122, 0.3193, 0.3139



12.1535, 0.4382, 0.2188



1.1459, 0.4205, 0.2090

Inverse Universe

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



51.9918, 0.3427, 0.2721



48.2430, 0.3506, 0.2611



82.3697, 0.2702, 0.3435



17.4122, 0.3193, 0.3139



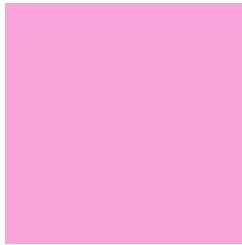
12.1535, 0.4382, 0.2188



1.1459, 0.4205, 0.2090

Previews

White Background



This preview shows how the Yxy color 51.9894, 0.3427, 0.2721 looks on a white background.

Color Contrast Check

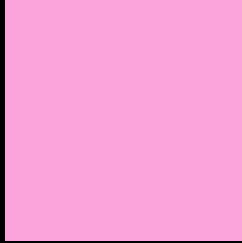
Large Text (above 18pt) WCAG AA × Fail

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 51.9894, 0.3427, 0.2721 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

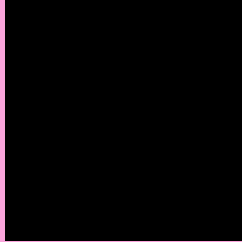
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9894, 0.3427, 0.2721

Background



This preview shows how black text looks on a background with the Yxy color 51.9894, 0.3427, 0.2721.



This preview shows how white text looks on a background with the Yxy color 51.9894, 0.3427, 0.2721.

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

51.9894, 0.3427, 0.2721

Protanopia

52.1546, 0.2731, 0.2731

Deuteranopia

52.1662, 0.3014, 0.2946



Tritanopia

52.1793, 0.3697, 0.3151

Trichromacy



Original Color

51.9894, 0.3427, 0.2721



Protanomaly

51.3348, 0.2952, 0.2717



Deuteranomaly

51.7041, 0.3164, 0.2859



Tritanomaly

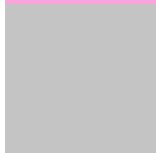
51.8106, 0.3593, 0.2981

Monochromacy



Original Color

51.9894, 0.3427, 0.2721



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.2395, 0.3238, 0.3059

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9894, 0.3427, 0.2721 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, 164, 219)` looks like.

```
.text, #text, p{  
    color:rgb(250, 164, 219)  
}
```

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, 164, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 164, 219) }
```

Border

The CSS property to change the border of an element to Yxy 51.9894, 0.3427, 0.2721 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, 164, 219) }
```

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

```
.border{ border-color:rgb(250, 164, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 164, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 164, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 164, 219);  
box-shadow:4px 4px 4px 4px rgb(250, 164,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9894, 0.3427, 0.2721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 164, 219) }
```

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

```
.background{ background-color: rgb(250,  
164, 219) }
```

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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