

Converting Colors

$Y_{xy}(52.3759, 0.3635, 0.2919)$

Have a look what the booklet for
Yxy(52.3759, 0.3635, 0.2919)
contains.

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Color

Yxy(52.3873, 0.3633, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	FFA5C9
RGB	255, 165, 201
RGB Percent	100%, 65%, 79%
CMY	0.0002, 0.3528, 0.2118
CMYK	0.00, 0.35, 0.21, 0.00
HSL	336°, 100%, 82%
HSV	336°, 35%, 100%
XYZ	65.2238, 52.3873, 61.9204
YIQ	196.0140, 42.0840, 30.2760

Conversions

Conversions Part 2

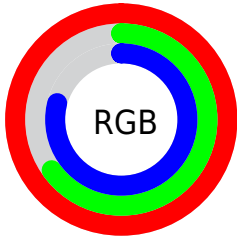
Format	Color
R_{YB}	255, 165, 201
Decimal	16754121
CIE _{Lab}	77.51, 37.95, -4.47
CIE _{LCh}	78, 38.215, 353.279
Yxy	52.3873, 0.3633, 0.2918
Android (android.graphics.Color)	4294944201 (0xFFFFA5C9)
YUV	196.0140, 2.4581, 51.7307
Hunter-Lab	72.3791, 34.1904, -0.0574

Details

The Yxy color **52.3873, 0.3633, 0.2918** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.6097, 0.2802, 0.3700**, and the grayscale version is **55.1783, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1929, 0.3143, 0.2960**, and **25.5652, 0.3771, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **43.4042, 0.3847, 0.2813**, and if you desaturate by 10%, it is **63.2803, 0.3453, 0.3027**.

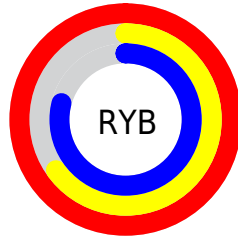
Distribution



Red (100%)

Green (65%)

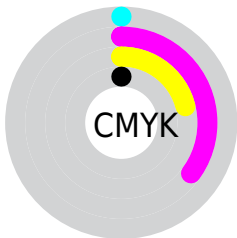
Blue (79%)



Red (100%)

Yellow (65%)

Blue (79%)

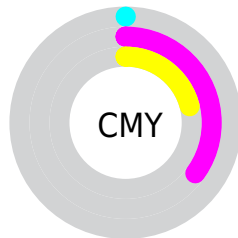


Cyan (0%)

Magenta (35%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3873, 0.3633, 0.2918 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 52.3873, 0.3633, 0.2918 by changing the saturation by 10% instead.

 52.3873, 0.3633,
0.2918

 52.3873, 0.3633,
0.2918


395.9300, 0.3387,
0.3096

 37.3139, 0.3692,
0.2876


 93.7022, 0.3545,
0.2981

 25.4506, 0.3767,
0.2823

 120.7124, 0.3512,
0.3005

 16.4131, 0.3864,
0.2754


152.4704, 0.3483,
0.3026

 9.8169, 0.3996,
0.2662

189.3605, 0.3459,
0.3044

 5.2777, 0.4185,
0.2533

231.7671, 0.3438,
0.3059

 2.4111, 0.4476,
0.2339

280.0746, 0.3419,

 0.8316, 0.4979,

0.3073

0.2015

334.6674, 0.3402,
0.3085

■ 0.0000, 0.9812,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.3873, 0.3633,
0.2918

■ 52.3873, 0.3633,
0.2918

■ 43.4042, 0.3847,
0.2813

■ 63.2803, 0.3453,
0.3027

■ 36.2121, 0.4098,
0.2721

■ 76.1782, 0.3304,
0.3135

■ 30.6900, 0.4382,
0.2653

■ 91.1787, 0.3182,
0.3238

■ 26.6989, 0.4689,
0.2623

99.9917, 0.3127,
0.3290

■ 24.0766, 0.5001,
0.2642

■ 22.6237, 0.5297,
0.2716

■ 22.2095, 0.5427,
0.2764

Harmonies

Analogous

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



52.3873, 0.3112, 0.2628



52.3873, 0.3633, 0.2918



52.3873, 0.4028, 0.3299

Triad

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



52.3873, 0.3633, 0.2918



52.3873, 0.3578, 0.4222



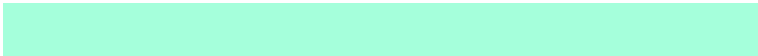
52.3873, 0.2196, 0.2753

Complementary

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



52.3873, 0.3633, 0.2918



84.6097, 0.2802, 0.3700

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.



52.3873, 0.2297, 0.3177



52.3873, 0.3633, 0.2918



52.3873, 0.3075, 0.4101

Square

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



52.3873, 0.3633, 0.2918



52.3873, 0.3979, 0.4050



52.3873, 0.2610, 0.3694



52.3873, 0.2314, 0.2518

Rectangle

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



52.3873, 0.3633, 0.2918



52.3873, 0.4146, 0.3570



52.3873, 0.2610, 0.3694



52.3873, 0.2205, 0.2876

Sweetspot

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



52.3898, 0.3633, 0.2918



82.3535, 0.3249, 0.3180



49.1971, 0.2880, 0.2334



17.2004, 0.3266, 0.3166



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.



52.3898, 0.3633, 0.2918



46.1575, 0.3773, 0.2847



54.2511, 0.3943, 0.3387



18.1074, 0.3231, 0.3195



11.6370, 0.5385, 0.2740



1.1539, 0.5084, 0.2574

Inverse Universe

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



52.3898, 0.3633, 0.2918



46.1575, 0.3773, 0.2847



81.1095, 0.2615, 0.3189



18.1074, 0.3231, 0.3195



11.6370, 0.5385, 0.2740



1.1539, 0.5084, 0.2574

Previews

White Background



This preview shows how the Yxy color 52.3873, 0.3633, 0.2918 looks on a white background.

Color Contrast Check

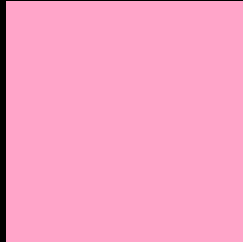
Large Text (above 18pt) WCAG AA × Fail

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 52.3873, 0.3633, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

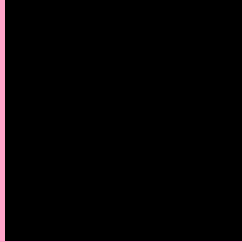
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3873, 0.3633, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 52.3873, 0.3633, 0.2918.



This preview shows how white text looks on a background with the Yxy color 52.3873, 0.3633, 0.2918.

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

52.3873, 0.3633, 0.2918

Protanopia

52.9627, 0.2916, 0.2976

Deuteranopia

52.5589, 0.3225, 0.3160



Tritanopia

52.2241, 0.3796, 0.3154

Trichromacy



Original Color

52.3873, 0.3633, 0.2918



Protanomaly

52.1561, 0.3151, 0.2954



Deuteranomaly

51.9256, 0.3372, 0.3063



Tritanomaly

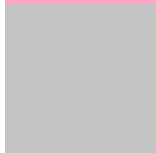
52.3391, 0.3742, 0.3071

Monochromacy



Original Color

52.3873, 0.3633, 0.2918



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

53.5269, 0.3294, 0.3140

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3873, 0.3633, 0.2918 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(255, 165, 201)` looks like.

```
.text, #text, p{  
    color:rgb(255, 165, 201)  
}
```

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(255, 165, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 165, 201) }
```

Border

The CSS property to change the border of an element to Yxy 52.3873, 0.3633, 0.2918 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(255, 165, 201) }
```

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

```
.border{ border-color:rgb(255, 165, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 165, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 165, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 165, 201);  
box-shadow:4px 4px 4px 4px rgb(255, 165,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3873, 0.3633, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 165, 201) }
```

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

```
.background{ background-color: rgb(255,  
165, 201) }
```

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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