

Converting Colors

$Y_{xy}(52.9718, 0.3712, 0.2928)$

Have a look what the booklet for
Yxy(52.9718, 0.3712, 0.2928)
contains.

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Color

Yxy(51.5779, 0.3656, 0.2917)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3C7
RGB	255, 163, 199
RGB Percent	100%, 64%, 78%
CMY	0.0000, 0.3607, 0.2195
CMYK	0.00, 0.36, 0.22, 0.00
HSL	337°, 100%, 82%
HSV	337°, 36%, 100%
XYZ	64.6448, 51.5779, 60.5956
YIQ	194.6120, 43.2760, 30.7000

Conversions

Conversions Part 2

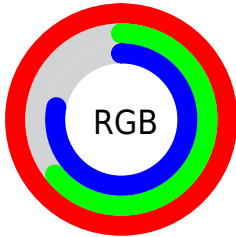
Format	Color
R _Y B	255, 163, 199
Decimal	16753607
CIE Lab	77.03, 38.73, -4.12
CIE LCh	77, 38.948, 353.933
Yxy	51.5779, 0.3656, 0.2917
Android (android.graphics.Color)	4294943687 (0xFFFFA3C7)
YUV	194.6120, 2.1633, 52.9603
Hunter-Lab	71.8178, 34.9908, 0.2470

Details

The Yxy color **51.5779, 0.3656, 0.2917** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.4130, 0.2791, 0.3702**, and the grayscale version is **54.3003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1430, 0.3144, 0.2940**, and **25.0665, 0.3804, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **42.7349, 0.3877, 0.2815**, and if you desaturate by 10%, it is **62.3246, 0.3471, 0.3024**.

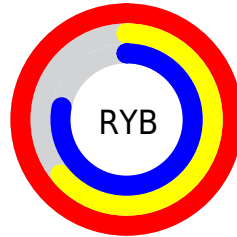
Distribution



Red (100%)

Green (64%)

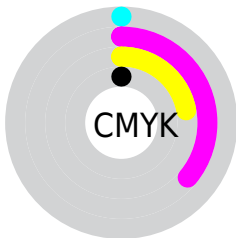
Blue (78%)



Red (100%)

Yellow (64%)

Blue (78%)

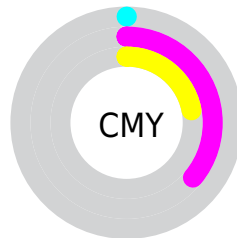


Cyan (0%)

Magenta (36%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (36%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.5779, 0.3656, 0.2917 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 51.5779, 0.3656, 0.2917 by changing the saturation by 10% instead.


 51.5779, 0.3656,
0.2917


 51.5779, 0.3656,
0.2917


392.8049, 0.3398,
0.3097

 36.6687, 0.3718,
0.2874


 92.5084, 0.3564,
0.2981

 24.9511, 0.3797,
0.2821


 119.2986, 0.3529,
0.3005

 16.0406, 0.3900,
0.2751


150.8179, 0.3499,
0.3026

 9.5529, 0.4040,
0.2658

187.4507, 0.3473,
0.3044

 5.1035, 0.4241,
0.2526

229.5814, 0.3451,
0.3059

 2.3081, 0.4551,
0.2326

277.5944, 0.3431,

 0.7780, 0.5095,

0.3073

0.1984

331.8741, 0.3414,
0.3086

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.5779, 0.3656,
0.2917

■ 51.5779, 0.3656,
0.2917

■ 42.7349, 0.3877,
0.2815

■ 62.3246, 0.3471,
0.3024

■ 35.6758, 0.4134,
0.2726

■ 75.0709, 0.3318,
0.3130

■ 30.2784, 0.4425,
0.2663

■ 89.9150, 0.3192,
0.3231

■ 26.4020, 0.4738,
0.2638

99.9977, 0.3127,
0.3290

■ 23.8820, 0.5055,
0.2663

■ 22.5145, 0.5352,
0.2742

■ 22.1748, 0.5461,
0.2782

Harmonies

Analogous

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



51.5779, 0.3123, 0.2619



51.5779, 0.3656, 0.2917



51.5779, 0.4056, 0.3306

Triad

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



51.5779, 0.3656, 0.2917



51.5779, 0.3577, 0.4246



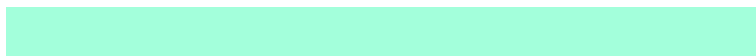
51.5779, 0.2176, 0.2732

Complementary

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



51.5779, 0.3656, 0.2917



84.4130, 0.2791, 0.3702

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.



51.5779, 0.2274, 0.3162



51.5779, 0.3656, 0.2917



51.5779, 0.3062, 0.4117

Square

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



51.5779, 0.3656, 0.2917



51.5779, 0.3992, 0.4073



51.5779, 0.2588, 0.3693



51.5779, 0.2301, 0.2497

Rectangle

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



51.5779, 0.3656, 0.2917



51.5779, 0.4172, 0.3584



51.5779, 0.2588, 0.3693



51.5779, 0.2184, 0.2856

Sweetspot

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



51.5803, 0.3656, 0.2917



82.3399, 0.3251, 0.3182



48.3530, 0.2873, 0.2311



17.1972, 0.3268, 0.3168



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.



51.5803, 0.3656, 0.2917



45.2610, 0.3805, 0.2845



53.4866, 0.3969, 0.3389



18.1049, 0.3232, 0.3197



11.6152, 0.5418, 0.2759



1.1516, 0.5114, 0.2591

Inverse Universe

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



51.5803, 0.3656, 0.2917



45.2610, 0.3805, 0.2845



80.7908, 0.2605, 0.3186



18.1049, 0.3232, 0.3197



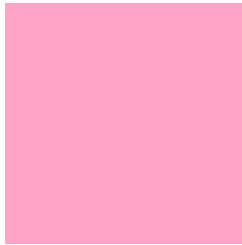
11.6152, 0.5418, 0.2759



1.1516, 0.5114, 0.2591

Previews

White Background



This preview shows how the Yxy color 51.5779, 0.3656, 0.2917 looks on a white background.

Color Contrast Check

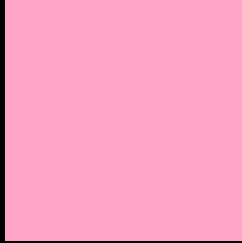
Large Text (above 18pt) WCAG AA × Fail

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 51.5779, 0.3656, 0.2917 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 51.5779, 0.3656, 0.2917

Background



This preview shows how black text looks on a background with the Yxy color 51.5779, 0.3656, 0.2917.



This preview shows how white text looks on a background with the Yxy color 51.5779, 0.3656, 0.2917.

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

51.5779, 0.3656, 0.2917

Protanopia

51.8663, 0.2921, 0.2973

Deuteranopia

51.9035, 0.3234, 0.3171



Tritanopia

51.7748, 0.3818, 0.3165

Trichromacy



Original Color

51.5779, 0.3656, 0.2917



Protanomaly

51.2430, 0.3168, 0.2953



Deuteranomaly

51.2771, 0.3382, 0.3073



Tritanomaly

51.8884, 0.3763, 0.3081

Monochromacy



Original Color

51.5779, 0.3656, 0.2917



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

52.6042, 0.3313, 0.3139

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5779, 0.3656, 0.2917 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, 163, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 199)  
}
```

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, 163, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 199) }
```

Border

The CSS property to change the border of an element to Yxy 51.5779, 0.3656, 0.2917 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, 163, 199) }
```

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

```
.border{ border-color:rgb(255, 163, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5779, 0.3656, 0.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 199) }
```

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

```
.background{ background-color: rgb(255,  
163, 199) }
```

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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