

Converting Colors

$Y_{xy}(56.6903, 0.3706, 0.2920)$

Have a look what the booklet for
Yxy(56.6903, 0.3706, 0.2920)
contains.

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Color

Yxy(53.7215, 0.3581, 0.2898)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8CE
RGB	255, 168, 206
RGB Percent	100%, 66%, 81%
CMY	0.0000, 0.3411, 0.1921
CMYK	0.00, 0.34, 0.19, 0.00
HSL	334°, 100%, 83%
HSV	334°, 34%, 100%
XYZ	66.3826, 53.7215, 65.2703
YIQ	198.3450, 39.6540, 30.2620

Conversions

Conversions Part 2

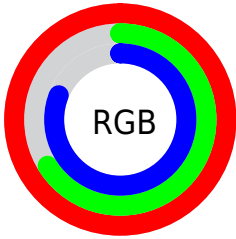
Format	Color
R _Y B	255, 168, 206
Decimal	16754894
CIE Lab	78.30, 37.16, -6.05
CIE LCh	78, 37.645, 350.751
Yxy	53.7215, 0.3581, 0.2898
Android (android.graphics.Color)	4294944974 (0xFFFFA8CE)
YUV	198.3450, 3.7739, 49.6864
Hunter-Lab	73.2950, 33.3997, -1.4922

Details

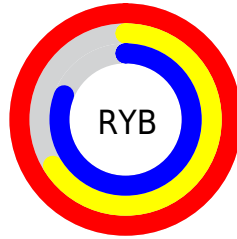
The Yxy color **53.7215, 0.3581, 0.2898** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.8513, 0.2827, 0.3723**, and the grayscale version is **56.6531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **26.3988, 0.3697, 0.2803** is the 20% darker color. If you saturate the color by 10%, you get **44.5471, 0.3777, 0.2783**, and if you desaturate by 10%, it is **64.8106, 0.3416, 0.3017**.

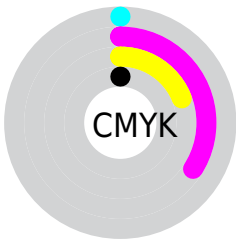
Distribution



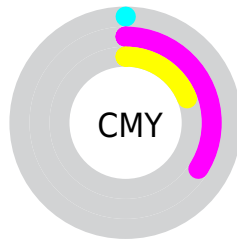
- Red (100%)
- Green (66%)
- Blue (81%)



- Red (100%)
- Yellow (66%)
- Blue (81%)



- Cyan (0%)
- Magenta (34%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (34%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.7215, 0.3581, 0.2898 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 53.7215, 0.3581, 0.2898 by changing the saturation by 10% instead.

 53.7215, 0.3581,
0.2898


 53.7215, 0.3581,
0.2898


401.0471, 0.3362,
0.3084

 38.3791, 0.3633,
0.2854


 95.6652, 0.3503,
0.2964

 26.2770, 0.3699,
0.2800


 123.0353, 0.3474,
0.2989

 17.0310, 0.3784,
0.2730


155.1833, 0.3448,
0.3010

 10.2566, 0.3899,
0.2637

192.4937, 0.3426,
0.3029

 5.5694, 0.4062,
0.2507

235.3509, 0.3407,
0.3045

 2.5851, 0.4310,
0.2314

284.1393, 0.3390,

 0.9192, 0.4731,

0.3060

0.2002

339.2432, 0.3376,
0.3073

0.0000, 0.7696,
0.0000

0.0000, 0.0000,
0.0000

53.7215, 0.3581,
0.2898

53.7215, 0.3581,
0.2898

44.5471, 0.3777,
0.2783

64.8106, 0.3416,
0.3017

37.1698, 0.4005,
0.2679

77.9081, 0.3280,
0.3134

31.4706, 0.4264,
0.2599

93.1105, 0.3167,
0.3246

27.3130, 0.4546,
0.2556

99.9989, 0.3127,
0.3290

■ 24.5385, 0.4836,
0.2561

■ 22.9536, 0.5117,
0.2622

■ 22.4156, 0.5272,
0.2678

Harmonies

Analogous

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



53.7215, 0.3070, 0.2624



53.7215, 0.3581, 0.2898



53.7215, 0.3983, 0.3266

Triad

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



53.7215, 0.3581, 0.2898



53.7215, 0.3608, 0.4195



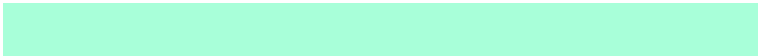
53.7215, 0.2216, 0.2794

Complementary

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



53.7215, 0.3581, 0.2898



84.8513, 0.2827, 0.3723

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.



53.7215, 0.2334, 0.3222



53.7215, 0.3581, 0.2898



53.7215, 0.3119, 0.4103

Square

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



53.7215, 0.3581, 0.2898



53.7215, 0.3985, 0.4010



53.7215, 0.2656, 0.3725



53.7215, 0.2314, 0.2546

Rectangle

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



53.7215, 0.3581, 0.2898



53.7215, 0.4115, 0.3532



53.7215, 0.2656, 0.3725



53.7215, 0.2231, 0.2920

Sweetspot

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



53.7240, 0.3581, 0.2898



83.9052, 0.3231, 0.3181



49.8041, 0.2857, 0.2358



17.5122, 0.3247, 0.3165



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.



53.7240, 0.3581, 0.2898



47.2079, 0.3712, 0.2818



53.7277, 0.3922, 0.3338



18.1189, 0.3225, 0.3187



11.7420, 0.5231, 0.2655



1.1648, 0.4945, 0.2498

Inverse Universe

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



53.7240, 0.3581, 0.2898



47.2079, 0.3712, 0.2818



84.3181, 0.2636, 0.3241



18.1189, 0.3225, 0.3187



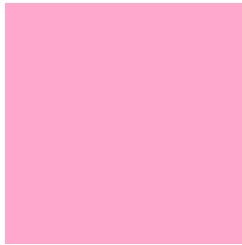
11.7420, 0.5231, 0.2655



1.1648, 0.4945, 0.2498

Previews

White Background



This preview shows how the Yxy color 53.7215, 0.3581, 0.2898 looks on a white background.

Color Contrast Check

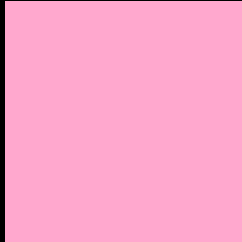
Large Text (above 18pt) WCAG AA × Fail

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 53.7215, 0.3581, 0.2898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

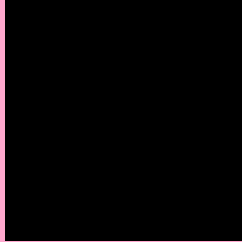
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.7215, 0.3581, 0.2898

Background



This preview shows how black text looks on a background with the Yxy color 53.7215, 0.3581, 0.2898.



This preview shows how white text looks on a background with the Yxy color 53.7215, 0.3581, 0.2898.

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

53.7215, 0.3581, 0.2898

Protanopia

54.1792, 0.2896, 0.2955

Deuteranopia

53.7860, 0.3192, 0.3126



Tritanopia

53.8905, 0.3747, 0.3155

Trichromacy



Original Color

53.7215, 0.3581, 0.2898



Protanomaly

53.3850, 0.3120, 0.2923



Deuteranomaly

53.5283, 0.3335, 0.3042



Tritanomaly

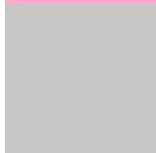
54.0469, 0.3685, 0.3061

Monochromacy



Original Color

53.7215, 0.3581, 0.2898



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.8178, 0.3284, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.7215, 0.3581, 0.2898 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, 168, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 206)  
}
```

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, 168, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 206) }
```

Border

The CSS property to change the border of an element to Yxy 53.7215, 0.3581, 0.2898 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, 168, 206) }
```

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

```
.border{ border-color:rgb(255, 168, 206) }
```

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

Here you see how a box with a 4 pixel rgb(255, 168, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 53.7215, 0.3581, 0.2898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 206) }
```

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

```
.background{ background-color: rgb(255,  
168, 206) }
```

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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