

Converting Colors

$Y_{xy}(53.7302, 0.3599, 0.2922)$

Have a look what the booklet for
Yxy(53.7302, 0.3599, 0.2922)
contains.

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Color

Yxy(53.6249, 0.3599, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	FFA8CC
RGB	255, 168, 204
RGB Percent	100%, 66%, 80%
CMY	0.0001, 0.3411, 0.1999
CMYK	0.00, 0.34, 0.20, 0.00
HSL	335°, 100%, 83%
HSV	335°, 34%, 100%
XYZ	66.1398, 53.6249, 64.0081
YIQ	198.1170, 40.2960, 29.6400

Conversions

Conversions Part 2

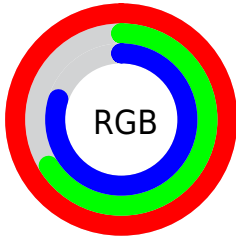
Format	Color
R _Y B	255, 168, 204
Decimal	16754892
CIE Lab	78.24, 36.86, -5.05
CIE LCh	78, 37.203, 352.192
Yxy	53.6249, 0.3599, 0.2918
Android (android.graphics.Color)	4294944972 (0xFFFFA8CC)
YUV	198.1170, 2.9003, 49.8864
Hunter-Lab	73.2290, 33.0689, -0.5639

Details

The Yxy color **53.6249, 0.3599, 0.2918** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.9489, 0.2817, 0.3700**, and the grayscale version is **56.5127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7913, 0.3141, 0.2989**, and **26.3338, 0.3723, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **44.4339, 0.3804, 0.2809**, and if you desaturate by 10%, it is **64.7354, 0.3427, 0.3031**.

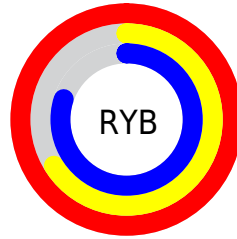
Distribution



Red (100%)

Green (66%)

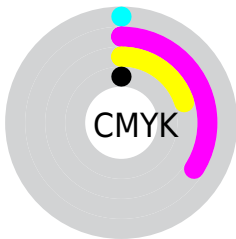
Blue (80%)



Red (100%)

Yellow (66%)

Blue (80%)

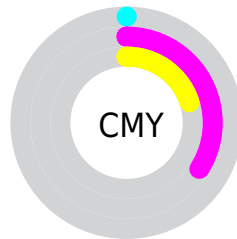


Cyan (0%)

Magenta (34%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (34%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6249, 0.3599, 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 53.6249, 0.3599, 0.2918 by changing the saturation by 10% instead.


 53.6249, 0.3599,
0.2918

 53.6249, 0.3599,
0.2918


400.6780, 0.3371,
0.3095

 38.3019, 0.3654,
0.2876


 95.5233, 0.3518,
0.2981

 26.2171, 0.3722,
0.2824


 122.8674, 0.3487,
0.3005

 16.9861, 0.3812,
0.2757


154.9873, 0.3460,
0.3025

 10.2246, 0.3933,
0.2667

192.2675, 0.3438,
0.3043

 5.5481, 0.4104,
0.2541

235.0922, 0.3418,
0.3059

 2.5723, 0.4367,
0.2354

283.8460, 0.3400,

 0.9128, 0.4815,

0.3072

0.2047

338.9131, 0.3385,
0.3084

0.0000, 0.8348,
0.0000

0.0000, 0.0000,
0.0000

53.6249, 0.3599,
0.2918

53.6249, 0.3599,
0.2918

44.4339, 0.3804,
0.2809

64.7354, 0.3427,
0.3031

37.0448, 0.4043,
0.2711

77.8594, 0.3285,
0.3142

31.3382, 0.4315,
0.2636

93.0936, 0.3169,
0.3248

27.1774, 0.4611,
0.2598

99.9970, 0.3127,
0.3290

■ 24.4036, 0.4916,
0.2608

■ 22.8231, 0.5207,
0.2673

■ 22.2892, 0.5368,
0.2731

Harmonies

Analogous

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



53.6249, 0.3095, 0.2641



53.6249, 0.3599, 0.2918



53.6249, 0.3987, 0.3286

Triad

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



53.6249, 0.3599, 0.2918



53.6249, 0.3581, 0.4188



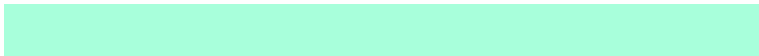
53.6249, 0.2225, 0.2784

Complementary

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



53.6249, 0.3599, 0.2918



84.9489, 0.2817, 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.



53.6249, 0.2331, 0.3200



53.6249, 0.3599, 0.2918



53.6249, 0.3096, 0.4081

Square

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



53.6249, 0.3599, 0.2918



53.6249, 0.3962, 0.4017



53.6249, 0.2642, 0.3697



53.6249, 0.2332, 0.2547

Rectangle

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



53.6249, 0.3599, 0.2918



53.6249, 0.4108, 0.3550



53.6249, 0.2642, 0.3697



53.6249, 0.2236, 0.2905

Sweetspot

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



53.6274, 0.3599, 0.2918



83.8705, 0.3235, 0.3187



50.2490, 0.2879, 0.2365



17.5038, 0.3252, 0.3172



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.



53.6274, 0.3599, 0.2918



47.1002, 0.3736, 0.2842



54.8455, 0.3912, 0.3369



18.1118, 0.3229, 0.3192



11.6762, 0.5326, 0.2708



1.1580, 0.5030, 0.2545

Inverse Universe

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



53.6274, 0.3599, 0.2918



47.1002, 0.3736, 0.2842



82.5180, 0.2632, 0.3209



18.1118, 0.3229, 0.3192



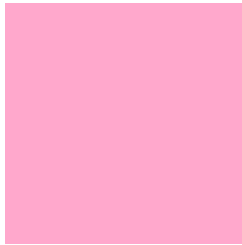
11.6762, 0.5326, 0.2708



1.1580, 0.5030, 0.2545

Previews

White Background



This preview shows how the Yxy color 53.6249, 0.3599, 0.2918 looks on a white background.

Color Contrast Check

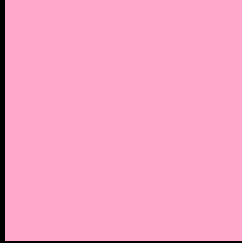
Large Text (above 18pt) WCAG AA × Fail

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 53.6249, 0.3599, 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 53.6249, 0.3599, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 53.6249, 0.3599, 0.2918.



This preview shows how white text looks on a background with the Yxy color 53.6249, 0.3599, 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

53.6249, 0.3599, 0.2918

Protanopia

53.7609, 0.2917, 0.2966

Deuteranopia

53.8382, 0.3216, 0.3149



Tritanopia

53.4692, 0.3759, 0.3154

Trichromacy



Original Color

53.6249, 0.3599, 0.2918



Protanomaly

53.0182, 0.3144, 0.2934



Deuteranomaly

53.4335, 0.3351, 0.3065



Tritanomaly

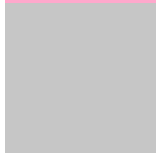
53.5819, 0.3706, 0.3071

Monochromacy



Original Color

53.6249, 0.3599, 0.2918



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.7708, 0.3292, 0.3141

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6249, 0.3599, 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, 168, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 204) }
```

Border

The CSS property to change the border of an element to Yxy 53.6249, 0.3599, 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, 168, 204) }
```

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

```
.border{ border-color:rgb(255, 168, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6249, 0.3599, 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, 168, 204) }
```

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

```
.background{ background-color: rgb(255,  
168, 204) }
```

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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