

Converting Colors

Yxy(51.8334, 0.3809, 0.3119)

Have a look what the booklet for
Yxy(51.8334, 0.3809, 0.3119)
contains.

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Color

Yxy(51.9098, 0.3811, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	FFA6B6
RGB	255, 166, 182
RGB Percent	100%, 65%, 71%
CMY	0.0000, 0.3490, 0.2863
CMYK	0.00, 0.35, 0.29, 0.00
HSL	349°, 100%, 83%
HSV	349°, 35%, 100%
XYZ	63.3253, 51.9098, 50.9294
YIQ	194.4350, 47.9080, 23.8440

Conversions

Conversions Part 2

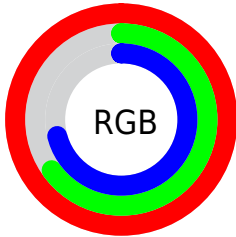
Format	Color
R _Y B	255, 166, 182
Decimal	16754358
CIE Lab	77.23, 34.86, 5.49
CIE LCh	77, 35.289, 8.943
Yxy	51.9098, 0.3811, 0.3124
Android (android.graphics.Color)	4294944438 (0xFFFFA6B6)
YUV	194.4350, -6.1305, 53.1155
Hunter-Lab	72.0485, 30.8036, 8.5232

Details

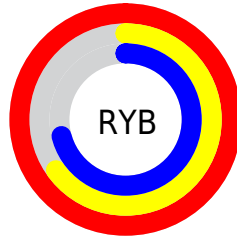
The Yxy color **51.9098, 0.3811, 0.3124** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.8590, 0.2708, 0.3467**, and the grayscale version is **54.2319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6756, 0.3255, 0.3132**, and **25.1310, 0.3996, 0.3077** is the 20% darker color. If you saturate the color by 10%, you get **42.7367, 0.4114, 0.3078**, and if you desaturate by 10%, it is **63.0451, 0.3561, 0.3173**.

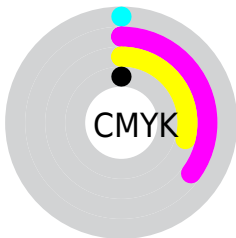
Distribution



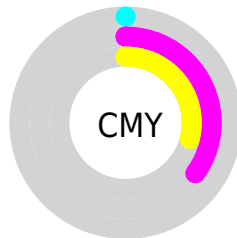
- Red (100%)
- Green (65%)
- Blue (71%)



- Red (100%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (35%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9098, 0.3811, 0.3124 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 51.9098, 0.3811, 0.3124 by changing the saturation by 10% instead.


 51.9098, 0.3811,
0.3124


 51.9098, 0.3811,
0.3124


394.0883, 0.3473,
0.3210

 36.9332, 0.3894,
0.3102


 92.9982, 0.3689,
0.3156

 25.1558, 0.3999,
0.3073


 119.8788, 0.3643,
0.3168

 16.1931, 0.4137,
0.3034


151.4961, 0.3604,
0.3178

 9.6609, 0.4327,
0.2978

188.2346, 0.3571,
0.3186

 5.1747, 0.4601,
0.2894

230.4787, 0.3542,
0.3193

 2.3501, 0.5030,
0.2753

278.6128, 0.3516,

 0.8001, 0.5922,

0.3200

0.2534

333.0211, 0.3493,
0.3205

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9098, 0.3811,
0.3124

51.9098, 0.3811,
0.3124

42.7367, 0.4114,
0.3078

63.0451, 0.3561,
0.3173

35.4182, 0.4474,
0.3040

76.2554, 0.3358,
0.3222

29.8249, 0.4880,
0.3020

91.6362, 0.3195,
0.3268

25.8140, 0.5308,
0.3025

100.0000, 0.3127,
0.3290

■ 23.2195, 0.5712,
0.3063

■ 21.8379, 0.6038,
0.3131

■ 21.4558, 0.6165,
0.3170

Harmonies

Analogous

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



51.9098, 0.3371, 0.2800



51.9098, 0.3811, 0.3124



51.9098, 0.4057, 0.3501

Triad

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



51.9098, 0.3811, 0.3124



51.9098, 0.3309, 0.4128



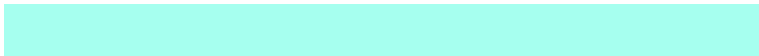
51.9098, 0.2291, 0.2654

Complementary

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



51.9098, 0.3811, 0.3124



85.8590, 0.2708, 0.3467

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.



51.9098, 0.2279, 0.2964



51.9098, 0.3811, 0.3124



51.9098, 0.2843, 0.3866

Square

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



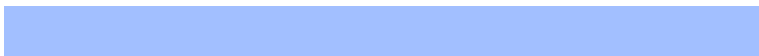
51.9098, 0.3811, 0.3124



51.9098, 0.3746, 0.4107



51.9098, 0.2472, 0.3415



51.9098, 0.2505, 0.2530

Rectangle

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



51.9098, 0.3811, 0.3124



51.9098, 0.4068, 0.3748



51.9098, 0.2472, 0.3415



51.9098, 0.2264, 0.2737

Sweetspot

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



51.9074, 0.3811, 0.3124



83.5209, 0.3274, 0.3245



52.7861, 0.3037, 0.2386



17.4197, 0.3297, 0.3239



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.



51.9074, 0.3811, 0.3124



45.2037, 0.4020, 0.3091



62.6767, 0.3860, 0.3587



18.0404, 0.3266, 0.3248



11.2264, 0.6131, 0.3151



1.1069, 0.5844, 0.2993

Inverse Universe

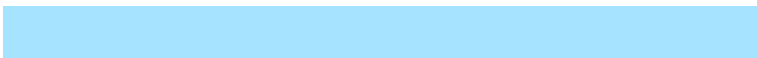
The Inverse Universe completely reimagines the original color for something new.



51.9074, 0.3811, 0.3124



45.2037, 0.4020, 0.3091



70.1635, 0.2590, 0.2969



18.0404, 0.3266, 0.3248



11.2264, 0.6131, 0.3151



1.1069, 0.5844, 0.2993

Previews

White Background



This preview shows how the Yxy color 51.9098, 0.3811, 0.3124 looks on a white background.

Color Contrast Check

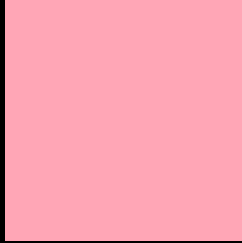
Large Text (above 18pt) WCAG AA × Fail

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 51.9098, 0.3811, 0.3124 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 51.9098, 0.3811, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 51.9098, 0.3811, 0.3124.



This preview shows how white text looks on a background with the Yxy color 51.9098, 0.3811, 0.3124.

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

51.9098, 0.3811, 0.3124

Protanopia

52.1499, 0.3106, 0.3216

Deuteranopia

52.2487, 0.3425, 0.3362



Tritanopia

51.7871, 0.3839, 0.3155

Trichromacy



Original Color

51.9098, 0.3811, 0.3124



Protanomaly

51.4083, 0.3348, 0.3173



Deuteranomaly

51.7941, 0.3564, 0.3268



Tritanomaly

51.8277, 0.3830, 0.3145

Monochromacy



Original Color

51.9098, 0.3811, 0.3124



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.5976, 0.3352, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9098, 0.3811, 0.3124 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, 166, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 182)  
}
```

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, 166, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 182) }
```

Border

The CSS property to change the border of an element to Yxy 51.9098, 0.3811, 0.3124 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, 166, 182) }
```

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

```
.border{ border-color:rgb(255, 166, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9098, 0.3811, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 182) }
```

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

```
.background{ background-color: rgb(255,  
166, 182) }
```

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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