

Converting Colors

$Y_{xy}(51.0033, 0.3821, 0.3101)$

Have a look what the booklet for
Yxy(51.0033, 0.3821, 0.3101)
contains.

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Color

Yxy(51.1883, 0.3816, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	FFA4B6
RGB	255, 164, 182
RGB Percent	100%, 64%, 71%
CMY	0.0001, 0.3568, 0.2862
CMYK	0.00, 0.36, 0.29, 0.00
HSL	348°, 100%, 82%
HSV	348°, 36%, 100%
XYZ	62.9502, 51.1883, 50.8254
YIQ	193.2610, 48.4580, 24.8900

Conversions

Conversions Part 2

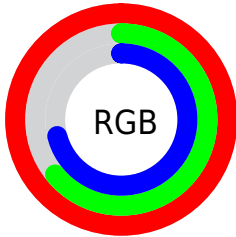
Format	Color
RYB	255, 164, 182
Decimal	16753846
CIELab	76.79, 35.87, 4.84
CIELCh	77, 36.192, 7.690
Yxy	51.1883, 0.3816, 0.3103
Android (android.graphics.Color)	4294943926 (0xFFFFA4B6)
YUV	193.2610, -5.5517, 54.1451
Hunter-Lab	71.5460, 31.8489, 7.9633

Details

The Yxy color **51.1883, 0.3816, 0.3103** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.5053, 0.2708, 0.3491**, and the grayscale version is **53.5040, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6194, 0.3257, 0.3112**, and **24.6896, 0.4005, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **42.1750, 0.4116, 0.3052**, and if you desaturate by 10%, it is **62.1592, 0.3568, 0.3157**.

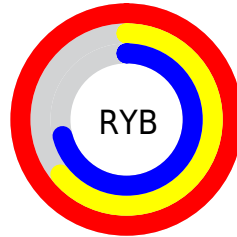
Distribution



Red (100%)

Green (64%)

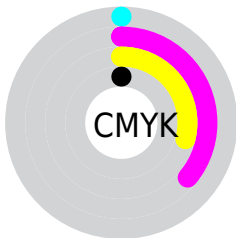
Blue (71%)



Red (100%)

Yellow (64%)

Blue (71%)

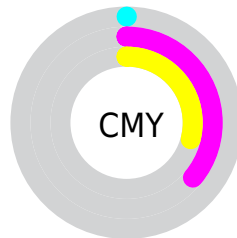


Cyan (0%)

Magenta (36%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1883, 0.3816, 0.3103 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 51.1883, 0.3816, 0.3103 by changing the saturation by 10% instead.


 51.1883, 0.3816,
0.3103


 51.1883, 0.3816,
0.3103


391.2949, 0.3475,
0.3199

 36.3585, 0.3900,
0.3078


 91.9331, 0.3693,
0.3139

 24.7112, 0.4006,
0.3046


 118.6168, 0.3647,
0.3152

 15.8620, 0.4146,
0.3003


150.0206, 0.3607,
0.3163

 9.4266, 0.4338,
0.2942

186.5289, 0.3574,
0.3172

 5.0204, 0.4617,
0.2851

228.5261, 0.3544,
0.3180

 2.2593, 0.5055,
0.2699

276.3966, 0.3518,

 0.7520, 0.5981,

0.3188

0.2452

330.5247, 0.3496,
0.3194

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.1883, 0.3816,
0.3103

51.1883, 0.3816,
0.3103

42.1750, 0.4116,
0.3052

62.1592, 0.3568,
0.3157

34.9968, 0.4471,
0.3012

75.1861, 0.3367,
0.3211

29.5286, 0.4870,
0.2989

90.3697, 0.3205,
0.3263

25.6267, 0.5290,
0.2995

99.9933, 0.3127,
0.3290

■ 23.1236, 0.5687,
0.3036

■ 21.8125, 0.6010,
0.3111

■ 21.4873, 0.6121,
0.3146

Harmonies

Analogous

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



51.1883, 0.3357, 0.2775



51.1883, 0.3816, 0.3103



51.1883, 0.4081, 0.3489

Triad

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



51.1883, 0.3816, 0.3103



51.1883, 0.3333, 0.4160



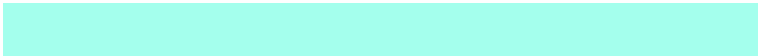
51.1883, 0.2263, 0.2645

Complementary

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



51.1883, 0.3816, 0.3103



85.5053, 0.2708, 0.3491

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.



51.1883, 0.2259, 0.2970



51.1883, 0.3816, 0.3103



51.1883, 0.2853, 0.3902

Square

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



51.1883, 0.3816, 0.3103



51.1883, 0.3779, 0.4124



51.1883, 0.2466, 0.3439



51.1883, 0.2474, 0.2511

Rectangle

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



51.1883, 0.3816, 0.3103



51.1883, 0.4100, 0.3744



51.1883, 0.2466, 0.3439



51.1883, 0.2238, 0.2733

Sweetspot

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



51.1908, 0.3816, 0.3103



82.0254, 0.3287, 0.3236



51.7433, 0.3022, 0.2363



17.1226, 0.3310, 0.3229



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.



51.1908, 0.3816, 0.3103



44.4095, 0.4031, 0.3065



61.3298, 0.3887, 0.3578



18.0458, 0.3263, 0.3243



11.2477, 0.6086, 0.3126



1.1097, 0.5789, 0.2963

Inverse Universe

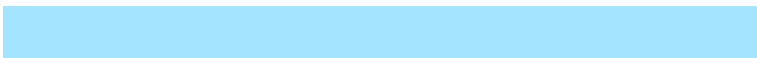
The Inverse Universe completely reimagines the original color for something new.



51.1908, 0.3816, 0.3103



44.4095, 0.4031, 0.3065



70.4250, 0.2581, 0.2979



18.0458, 0.3263, 0.3243



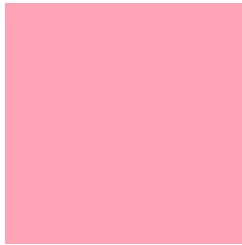
11.2477, 0.6086, 0.3126



1.1097, 0.5789, 0.2963

Previews

White Background



This preview shows how the Yxy color 51.1883, 0.3816, 0.3103 looks on a white background.

Color Contrast Check

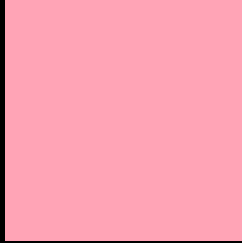
Large Text (above 18pt) WCAG AA × Fail

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 51.1883, 0.3816, 0.3103 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 51.1883, 0.3816, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 51.1883, 0.3816, 0.3103.



This preview shows how white text looks on a background with the Yxy color 51.1883, 0.3816, 0.3103.

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

51.1883, 0.3816, 0.3103

Protanopia

51.4571, 0.3091, 0.3203

Deuteranopia

51.2678, 0.3420, 0.3339



Tritanopia

51.1554, 0.3853, 0.3165

Trichromacy



Original Color

51.1883, 0.3816, 0.3103



Protanomaly

50.7002, 0.3332, 0.3161



Deuteranomaly

50.8399, 0.3559, 0.3245



Tritanomaly

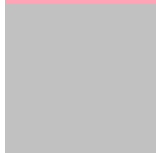
51.2358, 0.3833, 0.3144

Monochromacy



Original Color

51.1883, 0.3816, 0.3103



Achromatopsia

53.3276, 0.3127, 0.3290



Achromatomaly

51.7289, 0.3364, 0.3208

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1883, 0.3816, 0.3103 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, 164, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 164, 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, 164, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 164, 182) }
```

Border

The CSS property to change the border of an element to Yxy 51.1883, 0.3816, 0.3103 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, 164, 182) }
```

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

```
.border{ border-color:rgb(255, 164, 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, 164, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 164, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 164, 182);  
box-shadow:4px 4px 4px 4px rgb(255, 164,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1883, 0.3816, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 164, 182) }
```

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

```
.background{ background-color: rgb(255,  
164, 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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