

Converting Colors

$Y_{xy}(51.3210, 0.3819, 0.3185)$

Have a look what the booklet for
Yxy(51.3210, 0.3819, 0.3185)
contains.

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Color

Yxy(51.3210, 0.3819, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	FBA7B1
RGB	251, 167, 177
RGB Percent	98%, 65%, 69%
CMY	0.0157, 0.3451, 0.3057
CMYK	0.00, 0.33, 0.29, 0.02
HSL	353°, 91%, 82%
HSV	353°, 33%, 98%
XYZ	61.5369, 51.3210, 48.2756
YIQ	193.2560, 46.8540, 20.9180

Conversions

Conversions Part 2

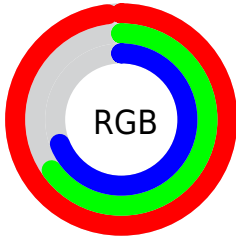
Format	Color
R _Y B	251, 167, 177
Decimal	16492465
CIE Lab	76.87, 32.23, 7.62
CIE LCh	77, 33.123, 13.301
Yxy	51.3210, 0.3819, 0.3185
Android (android.graphics.Color)	4294682545 (0xFFFBA7B1)
YUV	193.2560, -8.0142, 50.6415
Hunter-Lab	71.6387, 27.9619, 10.1930

Details

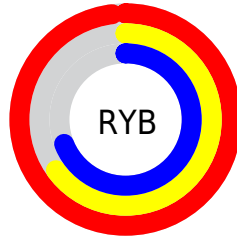
The Yxy color **51.3210, 0.3819, 0.3185** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.5501, 0.2699, 0.3401**, and the grayscale version is **53.5168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9185, 0.3288, 0.3191**, and **24.8528, 0.4009, 0.3142** is the 20% darker color. If you saturate the color by 10%, you get **42.1906, 0.4138, 0.3155**, and if you desaturate by 10%, it is **62.3835, 0.3558, 0.3218**.

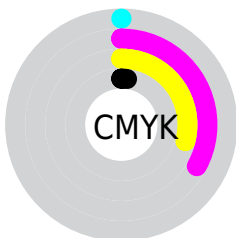
Distribution



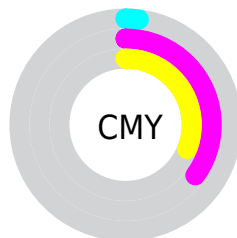
- Red (98%)
- Green (65%)
- Blue (69%)



- Red (98%)
- Yellow (65%)
- Blue (69%)



- Cyan (0%)
- Magenta (33%)
- Yellow (29%)
- Black (2%)





- Cyan (2%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3210, 0.3819, 0.3185 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 51.3210, 0.3819, 0.3185 by changing the saturation by 10% instead.


 51.3210, 0.3819,
0.3185

 51.3210, 0.3819,
0.3185


391.8097, 0.3476,
0.3243

 36.4641, 0.3903,
0.3169


 92.1291, 0.3695,
0.3207

 24.7929, 0.4011,
0.3148


 118.8491, 0.3648,
0.3215

 15.9228, 0.4153,
0.3119


150.2923, 0.3609,
0.3222

 9.4695, 0.4347,
0.3076

186.8431, 0.3575,
0.3227

 5.0487, 0.4630,
0.3007

228.8858, 0.3545,
0.3232

 2.2759, 0.5075,
0.2887

276.8048, 0.3519,

 0.7609, 0.6171,

0.3236

0.2758

330.9847, 0.3496,
0.3240

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3210, 0.3819,
0.3185

51.3210, 0.3819,
0.3185

42.1906, 0.4138,
0.3155

62.3835, 0.3558,
0.3218

34.8744, 0.4518,
0.3130

75.4724, 0.3347,
0.3250

29.2532, 0.4948,
0.3117

90.6847, 0.3178,
0.3280

25.1903, 0.5398,
0.3122

99.2464, 0.3102,
0.3290

■ 22.5279, 0.5816,
0.3150

■ 21.0746, 0.6138,
0.3199

■ 20.6000, 0.6281,
0.3234

Harmonies

Analogous

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



51.3210, 0.3424, 0.2866



51.3210, 0.3819, 0.3185



51.3210, 0.4016, 0.3545

Triad

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



51.3210, 0.3819, 0.3185



51.3210, 0.3236, 0.4057



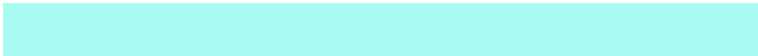
51.3210, 0.2354, 0.2662

Complementary

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



51.3210, 0.3819, 0.3185



83.5501, 0.2699, 0.3401

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.



51.3210, 0.2313, 0.2933



51.3210, 0.3819, 0.3185



51.3210, 0.2802, 0.3777

Square

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



51.3210, 0.3819, 0.3185



51.3210, 0.3659, 0.4078



51.3210, 0.2471, 0.3344



51.3210, 0.2583, 0.2568

Rectangle

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



51.3210, 0.3819, 0.3185



51.3210, 0.4001, 0.3773



51.3210, 0.2471, 0.3344



51.3210, 0.2318, 0.2733

Sweetspot

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



51.3235, 0.3819, 0.3185



83.4329, 0.3284, 0.3260



53.0936, 0.3076, 0.2434



17.3986, 0.3309, 0.3256



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.



51.3235, 0.3819, 0.3185



46.7655, 0.4022, 0.3165



63.5942, 0.3805, 0.3617



17.2589, 0.3275, 0.3262



10.8405, 0.6255, 0.3220



1.0145, 0.6004, 0.3081

Inverse Universe

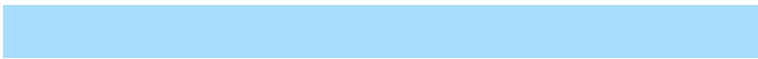
The Inverse Universe completely reimagines the original color for something new.



51.3235, 0.3819, 0.3185



46.7655, 0.4022, 0.3165



66.4692, 0.2605, 0.2935



17.2589, 0.3275, 0.3262



10.8405, 0.6255, 0.3220



1.0145, 0.6004, 0.3081

Previews

White Background



This preview shows how the Yxy color 51.3210, 0.3819, 0.3185 looks on a white background.

Color Contrast Check

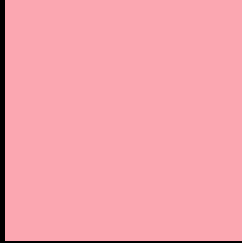
Large Text (above 18pt) WCAG AA × Fail

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 51.3210, 0.3819, 0.3185 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 51.3210, 0.3819, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 51.3210, 0.3819, 0.3185.



This preview shows how white text looks on a background with the Yxy color 51.3210, 0.3819, 0.3185.

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

51.3210, 0.3819, 0.3185

Protanopia

51.5386, 0.3168, 0.3290

Deuteranopia

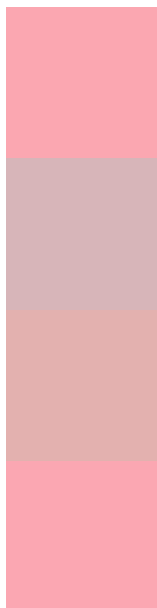
51.2191, 0.3471, 0.3399



Tritanopia

51.4013, 0.3800, 0.3164

Trichromacy



Original Color

51.3210, 0.3819, 0.3185

Protanomaly

50.9976, 0.3390, 0.3243

Deuteranomaly

50.8703, 0.3593, 0.3314

Tritanomaly

51.3610, 0.3810, 0.3175

Monochromacy



Original Color

51.3210, 0.3819, 0.3185

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1650, 0.3360, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3210, 0.3819, 0.3185 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(251, 167, 177)` looks like.

```
.text, #text, p{  
    color:rgb(251, 167, 177)  
}
```

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(251, 167, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 167, 177) }
```

Border

The CSS property to change the border of an element to Yxy 51.3210, 0.3819, 0.3185 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(251, 167, 177) }
```

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

```
.border{ border-color:rgb(251, 167, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 167, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 167, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 167, 177);  
box-shadow:4px 4px 4px 4px rgb(251, 167,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3210, 0.3819, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 167, 177) }
```

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

```
.background{ background-color: rgb(251,  
167, 177) }
```

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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