

Converting Colors

$Yxy(51.5454, 0.3834, 0.3206)$

Have a look what the booklet for
Yxy(51.5454, 0.3834, 0.3206)
contains.

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Color

Yxy(51.6491, 0.3826, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	FBA8B0
RGB	251, 168, 176
RGB Percent	98%, 66%, 69%
CMY	0.0157, 0.3411, 0.3099
CMYK	0.00, 0.33, 0.30, 0.02
HSL	354°, 91%, 82%
HSV	354°, 33%, 98%
XYZ	61.6182, 51.6491, 47.7839
YIQ	193.7290, 46.9000, 20.0840

Conversions

Conversions Part 2

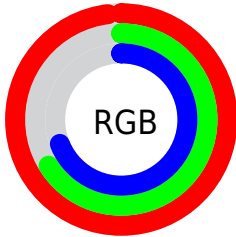
Format	Color
R _Y B	251, 168, 176
Decimal	16492720
CIE Lab	77.07, 31.57, 8.48
CIE LCh	77, 32.693, 15.034
Yxy	51.6491, 0.3826, 0.3207
Android (android.graphics.Color)	4294682800 (0xFFFBA8B0)
YUV	193.7290, -8.7404, 50.2267
Hunter-Lab	71.8673, 27.2760, 10.8858

Details

The Yxy color **51.6491, 0.3826, 0.3207** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.7871, 0.2694, 0.3377**, and the grayscale version is **53.8129, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3975, 0.3294, 0.3211**, and **25.0542, 0.4018, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **42.4363, 0.4152, 0.3183**, and if you desaturate by 10%, it is **62.8055, 0.3559, 0.3233**.

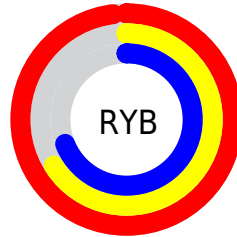
Distribution



Red (98%)

Green (66%)

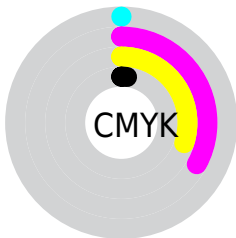
Blue (69%)



Red (98%)

Yellow (66%)

Blue (69%)

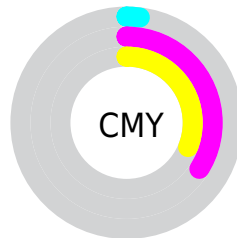


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (2%)



Cyan (2%)


Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6491, 0.3826, 0.3207 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 51.6491, 0.3826, 0.3207 by changing the saturation by 10% instead.


 51.6491, 0.3826,
0.3207

 51.6491, 0.3826,
0.3207


393.0804, 0.3480,
0.3255

 36.7255, 0.3911,
0.3193


 92.6135, 0.3701,
0.3226

 24.9950, 0.4020,
0.3175


 119.4231, 0.3654,
0.3232

 16.0733, 0.4162,
0.3150


150.9634, 0.3614,
0.3238

 9.5761, 0.4358,
0.3111

187.6189, 0.3579,
0.3242

 5.1188, 0.4643,
0.3049

229.7740, 0.3550,
0.3246

 2.3171, 0.5089,
0.2938

277.8130, 0.3523,

 0.7828, 0.6213,

0.3249

0.2844

332.1204, 0.3500,
0.3252

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6491, 0.3826,
0.3207

51.6491, 0.3826,
0.3207

42.4363, 0.4152,
0.3183

62.8055, 0.3559,
0.3233

35.0488, 0.4540,
0.3163

75.9998, 0.3345,
0.3259

29.3672, 0.4979,
0.3154

91.3295, 0.3173,
0.3283

25.2549, 0.5437,
0.3159

99.2474, 0.3102,
0.3290

■ 22.5540, 0.5858,
0.3183

■ 21.0735, 0.6175,
0.3224

■ 20.5737, 0.6315,
0.3253

Harmonies

Analogous

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



51.6491, 0.3445, 0.2888



51.6491, 0.3826, 0.3207



51.6491, 0.4006, 0.3563

Triad

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



51.6491, 0.3826, 0.3207



51.6491, 0.3209, 0.4035



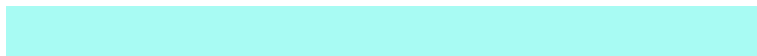
51.6491, 0.2373, 0.2661

Complementary

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



51.6491, 0.3826, 0.3207



83.7871, 0.2694, 0.3377

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.



51.6491, 0.2322, 0.2919



51.6491, 0.3826, 0.3207



51.6491, 0.2784, 0.3747

Square

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



51.6491, 0.3826, 0.3207



51.6491, 0.3630, 0.4072



51.6491, 0.2466, 0.3318



51.6491, 0.2609, 0.2578

Rectangle

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



51.6491, 0.3826, 0.3207



51.6491, 0.3982, 0.3785



51.6491, 0.2466, 0.3318



51.6491, 0.2334, 0.2728

Sweetspot

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



51.6516, 0.3826, 0.3207



83.3989, 0.3288, 0.3266



53.9749, 0.3099, 0.2450



17.3904, 0.3314, 0.3263



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.



51.6516, 0.3826, 0.3207



46.6793, 0.4047, 0.3190



65.2037, 0.3786, 0.3642



17.2523, 0.3279, 0.3268



10.8245, 0.6293, 0.3240



1.0113, 0.6076, 0.3121

Inverse Universe

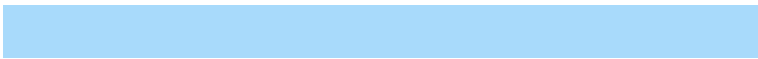
The Inverse Universe completely reimagines the original color for something new.



51.6516, 0.3826, 0.3207



46.6793, 0.4047, 0.3190



65.3297, 0.2607, 0.2908



17.2523, 0.3279, 0.3268



10.8245, 0.6293, 0.3240



1.0113, 0.6076, 0.3121

Previews

White Background



This preview shows how the Yxy color 51.6491, 0.3826, 0.3207 looks on a white background.

Color Contrast Check

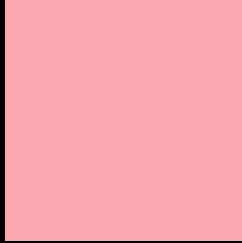
Large Text (above 18pt) WCAG AA × Fail

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 51.6491, 0.3826, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

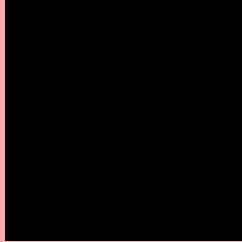
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6491, 0.3826, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 51.6491, 0.3826, 0.3207.



This preview shows how white text looks on a background with the Yxy color 51.6491, 0.3826, 0.3207.

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

51.6491, 0.3826, 0.3207

Protanopia

52.0599, 0.3184, 0.3315

Deuteranopia

51.8970, 0.3495, 0.3422



Tritanopia

51.4420, 0.3791, 0.3153

Trichromacy



Original Color

51.6491, 0.3826, 0.3207



Protanomaly

51.3637, 0.3397, 0.3267



Deuteranomaly

51.5548, 0.3617, 0.3337



Tritanomaly

51.4013, 0.3800, 0.3164

Monochromacy



Original Color

51.6491, 0.3826, 0.3207



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.7329, 0.3367, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6491, 0.3826, 0.3207 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, 168, 176)` looks like.

```
.text, #text, p{  
    color:rgb(251, 168, 176)  
}
```

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, 168, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 168, 176) }
```

Border

The CSS property to change the border of an element to Yxy 51.6491, 0.3826, 0.3207 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, 168, 176) }
```

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

```
.border{ border-color:rgb(251, 168, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 168, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 168, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 168, 176); box-shadow:4px 4px 4px 4px rgb(251, 168, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6491, 0.3826, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 168, 176) }
```

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

```
.background{ background-color: rgb(251,  
168, 176) }
```

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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