

Converting Colors

Yxy(51.9315, 0.3870, 0.3206)

Have a look what the booklet for
Yxy(51.9315, 0.3870, 0.3206)
contains.

Yxy(51.9926, 0.3875, 0.3208)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(51.9926, 0.3875, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7AF
RGB	255, 167, 175
RGB Percent	100%, 65%, 69%
CMY	0.0000, 0.3451, 0.3138
CMYK	0.00, 0.35, 0.31, 0.00
HSL	355°, 100%, 83%
HSV	355°, 35%, 100%
XYZ	62.8028, 51.9926, 47.2763
YIQ	194.2240, 49.8800, 21.1440

Conversions

Conversions Part 2

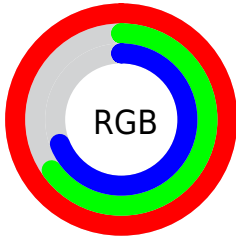
Format	Color
R _Y B	255, 167, 175
Decimal	16754607
CIE Lab	77.28, 33.44, 9.38
CIE LCh	77, 34.731, 15.661
Yxy	51.9926, 0.3875, 0.3208
Android (android.graphics.Color)	4294944687 (0xFFFFA7AF)
YUV	194.2240, -9.4774, 53.3006
Hunter-Lab	72.1059, 29.2846, 11.6006

Details

The Yxy color **51.9926, 0.3875, 0.3208** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.4507, 0.2675, 0.3377**, and the grayscale version is **54.1195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7485, 0.3308, 0.3221**, and **25.2005, 0.4072, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **42.7165, 0.4213, 0.3186**, and if you desaturate by 10%, it is **63.2619, 0.3598, 0.3233**.

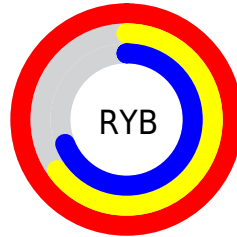
Distribution



Red (100%)

Green (65%)

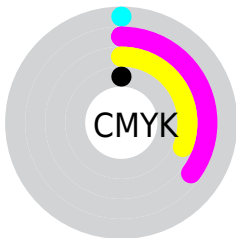
Blue (69%)



Red (100%)

Yellow (65%)

Blue (69%)

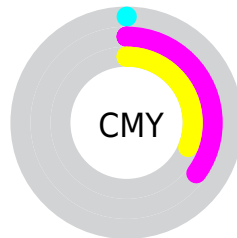


Cyan (0%)

Magenta (35%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (35%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9926, 0.3875, 0.3208 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 51.9926, 0.3875, 0.3208 by changing the saturation by 10% instead.


 51.9926, 0.3875,
0.3208

 51.9926, 0.3875,
0.3208


394.4080, 0.3505,
0.3256

 36.9992, 0.3966,
0.3194


 93.1203, 0.3742,
0.3227

 25.2069, 0.4082,
0.3175


 120.0234, 0.3691,
0.3234

 16.2312, 0.4234,
0.3148


151.6652, 0.3648,
0.3239

 9.6879, 0.4442,
0.3108

188.4300, 0.3612,
0.3244

 5.1925, 0.4743,
0.3043

230.7023, 0.3580,
0.3248

 2.3607, 0.5212,
0.2924

278.8665, 0.3552,

 0.8055, 0.6393,

0.3251

0.2829

333.3070, 0.3527,
0.3254

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9926, 0.3875,
0.3208

51.9926, 0.3875,
0.3208

42.7165, 0.4213,
0.3186

63.2619, 0.3598,
0.3233

35.3244, 0.4612,
0.3168

76.6393, 0.3375,
0.3257

29.6849, 0.5059,
0.3161

92.2220, 0.3196,
0.3280

25.6530, 0.5518,
0.3169

100.0000, 0.3127,
0.3290

■ 23.0602, 0.5926,
0.3195

■ 21.7006, 0.6220,
0.3236

■ 21.3225, 0.6323,
0.3257

Harmonies

Analogous

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



51.9926, 0.3473, 0.2871



51.9926, 0.3875, 0.3208



51.9926, 0.4060, 0.3582

Triad

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



51.9926, 0.3875, 0.3208



51.9926, 0.3202, 0.4079



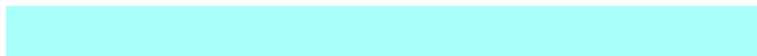
51.9926, 0.2334, 0.2621

Complementary

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



51.9926, 0.3875, 0.3208



86.4507, 0.2675, 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.



51.9926, 0.2276, 0.2887



51.9926, 0.3875, 0.3208



51.9926, 0.2755, 0.3767

Square

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



51.9926, 0.3875, 0.3208



51.9926, 0.3649, 0.4121



51.9926, 0.2423, 0.3308



51.9926, 0.2587, 0.2540

Rectangle

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



51.9926, 0.3875, 0.3208



51.9926, 0.4029, 0.3817



51.9926, 0.2423, 0.3308



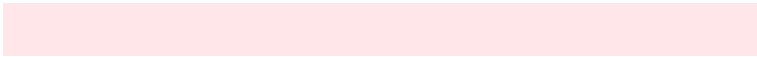
51.9926, 0.2292, 0.2689

Sweetspot

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



51.9901, 0.3875, 0.3208



83.3915, 0.3289, 0.3268



54.4843, 0.3097, 0.2412



17.3886, 0.3315, 0.3264



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.



51.9901, 0.3875, 0.3208



45.7528, 0.4087, 0.3193



66.3832, 0.3823, 0.3658



18.0139, 0.3280, 0.3269



11.1505, 0.6302, 0.3245



1.0943, 0.6104, 0.3136

Inverse Universe

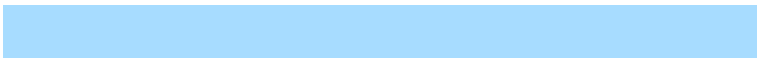
The Inverse Universe completely reimagines the original color for something new.



51.9901, 0.3875, 0.3208



45.7528, 0.4087, 0.3193



66.5152, 0.2584, 0.2888



18.0139, 0.3280, 0.3269



11.1505, 0.6302, 0.3245



1.0943, 0.6104, 0.3136

Previews

White Background



This preview shows how the Yxy color 51.9926, 0.3875, 0.3208 looks on a white background.

Color Contrast Check

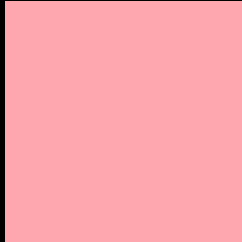
Large Text (above 18pt) WCAG AA × Fail

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 51.9926, 0.3875, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

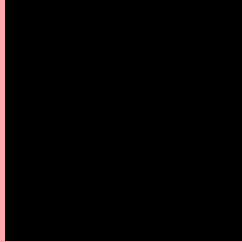
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9926, 0.3875, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 51.9926, 0.3875, 0.3208.



This preview shows how white text looks on a background with the Yxy color 51.9926, 0.3875, 0.3208.

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

51.9926, 0.3875, 0.3208

Protanopia

52.0599, 0.3184, 0.3315

Deuteranopia

52.0113, 0.3512, 0.3434



Tritanopia

52.1521, 0.3836, 0.3166

Trichromacy



Original Color

51.9926, 0.3875, 0.3208



Protanomaly

51.6265, 0.3423, 0.3279



Deuteranomaly

51.8468, 0.3644, 0.3349



Tritanomaly

52.1118, 0.3846, 0.3176

Monochromacy



Original Color

51.9926, 0.3875, 0.3208



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.4678, 0.3377, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9926, 0.3875, 0.3208 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, 167, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 175)  
}
```

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, 167, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 175) }
```

Border

The CSS property to change the border of an element to Yxy 51.9926, 0.3875, 0.3208 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, 167, 175) }
```

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

```
.border{ border-color:rgb(255, 167, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9926, 0.3875, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 175) }
```

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

```
.background{ background-color: rgb(255,  
167, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor