

Converting Colors

$Y_{xy}(52.0777, 0.3827, 0.3207)$

Have a look what the booklet for
Yxy(52.0777, 0.3827, 0.3207)
contains.

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Color

Yxy(52.2457, 0.3822, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	FCA9B1
RGB	252, 169, 177
RGB Percent	99%, 66%, 69%
CMY	0.0118, 0.3372, 0.3059
CMYK	0.00, 0.33, 0.30, 0.01
HSL	354°, 93%, 83%
HSV	354°, 33%, 99%
XYZ	62.2648, 52.2457, 48.4010
YIQ	194.7290, 46.9000, 20.0840

Conversions

Conversions Part 2

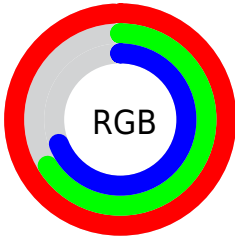
Format	Color
R _Y B	252, 169, 177
Decimal	16558513
CIE Lab	77.43, 31.54, 8.44
CIE LCh	77, 32.654, 14.987
Yxy	52.2457, 0.3822, 0.3207
Android (android.graphics.Color)	4294748593 (0xFFFC9B1)
YUV	194.7290, -8.7404, 50.2267
Hunter-Lab	72.2812, 27.2721, 10.8950

Details

The Yxy color **52.2457, 0.3822, 0.3207** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.5783, 0.2695, 0.3377**, and the grayscale version is **54.4373, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9936, 0.3286, 0.3211**, and **25.4408, 0.4012, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **42.9241, 0.4147, 0.3183**, and if you desaturate by 10%, it is **63.5304, 0.3556, 0.3233**.

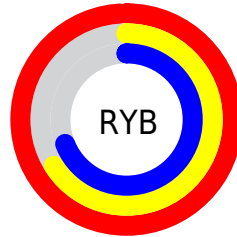
Distribution



Red (99%)

Green (66%)

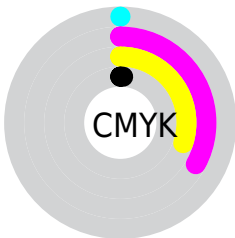
Blue (69%)



Red (99%)

Yellow (66%)

Blue (69%)

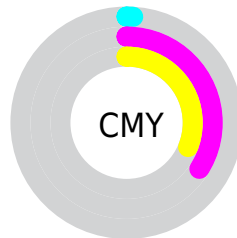


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (1%)



Cyan (1%)


Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.2457, 0.3822, 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 52.2457, 0.3822, 0.3207 by changing the saturation by 10% instead.


 52.2457, 0.3822,
0.3207

 52.2457, 0.3822,
0.3207


395.3844, 0.3478,
0.3254

 37.2010, 0.3906,
0.3194


 93.4935, 0.3698,
0.3225

 25.3631, 0.4014,
0.3176


120.4653, 0.3651,
0.3232

 16.3478, 0.4155,
0.3150


152.1817, 0.3612,
0.3237

 9.7706, 0.4348,
0.3112

189.0269, 0.3578,
0.3242

 5.2471, 0.4628,
0.3052

231.3854, 0.3548,
0.3246

 2.3930, 0.5065,
0.2943

279.6415, 0.3522,

 0.8223, 0.6109,

0.3249

0.2838

334.1797, 0.3499,
0.3252

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.2457, 0.3822,
0.3207

52.2457, 0.3822,
0.3207

42.9241, 0.4147,
0.3183

63.5304, 0.3556,
0.3233

35.4465, 0.4535,
0.3163

76.8735, 0.3342,
0.3259

29.6924, 0.4973,
0.3153

92.3731, 0.3171,
0.3283

25.5241, 0.5431,
0.3158

99.4324, 0.3109,
0.3290

■ 22.7824, 0.5853,
0.3182

■ 21.2752, 0.6171,
0.3223

■ 20.7595, 0.6315,
0.3252

Harmonies

Analogous

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



52.2457, 0.3443, 0.2889



52.2457, 0.3822, 0.3207



52.2457, 0.4001, 0.3561

Triad

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



52.2457, 0.3822, 0.3207



52.2457, 0.3210, 0.4031



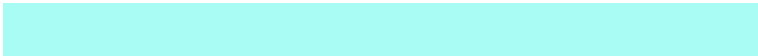
52.2457, 0.2376, 0.2664

Complementary

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



52.2457, 0.3822, 0.3207



84.5783, 0.2695, 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.



52.2457, 0.2326, 0.2921



52.2457, 0.3822, 0.3207



52.2457, 0.2787, 0.3745

Square

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



52.2457, 0.3822, 0.3207



52.2457, 0.3628, 0.4068



52.2457, 0.2470, 0.3319



52.2457, 0.2611, 0.2582

Rectangle

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



52.2457, 0.3822, 0.3207



52.2457, 0.3978, 0.3782



52.2457, 0.2470, 0.3319



52.2457, 0.2338, 0.2731

Sweetspot

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



52.2482, 0.3822, 0.3207



83.3995, 0.3288, 0.3266



54.5855, 0.3099, 0.2453



17.3905, 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.



52.2482, 0.3822, 0.3207



46.6806, 0.4047, 0.3189



65.8934, 0.3783, 0.3640



17.2524, 0.3279, 0.3267



10.8248, 0.6293, 0.3240



1.0114, 0.6075, 0.3120

Inverse Universe

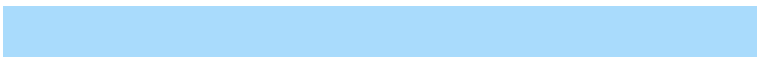
The Inverse Universe completely reimagines the original color for something new.



52.2482, 0.3822, 0.3207



46.6806, 0.4047, 0.3189



66.0204, 0.2609, 0.2909



17.2524, 0.3279, 0.3267



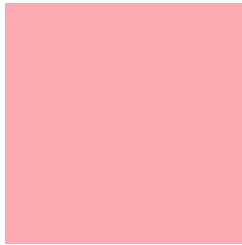
10.8248, 0.6293, 0.3240



1.0114, 0.6075, 0.3120

Previews

White Background



This preview shows how the Yxy color 52.2457, 0.3822, 0.3207 looks on a white background.

Color Contrast Check

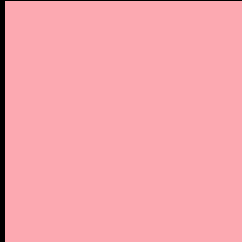
Large Text (above 18pt) WCAG AA × Fail

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 52.2457, 0.3822, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

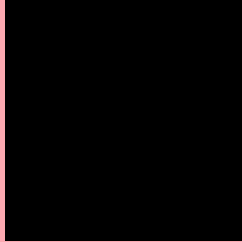
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.2457, 0.3822, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 52.2457, 0.3822, 0.3207.



This preview shows how white text looks on a background with the Yxy color 52.2457, 0.3822, 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

52.2457, 0.3822, 0.3207

Protanopia

52.6715, 0.3183, 0.3315

Deuteranopia

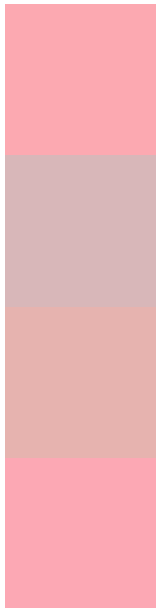
52.5056, 0.3493, 0.3421



Tritanopia

52.0369, 0.3787, 0.3154

Trichromacy



Original Color

52.2457, 0.3822, 0.3207

Protanomaly

51.9687, 0.3396, 0.3267

Deuteranomaly

52.1583, 0.3614, 0.3337

Tritanomaly

51.9960, 0.3797, 0.3165

Monochromacy



Original Color

52.2457, 0.3822, 0.3207

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

53.3476, 0.3366, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.2457, 0.3822, 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(252, 169, 177)` looks like.

```
.text, #text, p{  
    color:rgb(252, 169, 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(252, 169, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 169, 177) }
```

Border

The CSS property to change the border of an element to Yxy 52.2457, 0.3822, 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(252, 169, 177) }
```

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

```
.border{ border-color:rgb(252, 169, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 169, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 169, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 169, 177);  
box-shadow:4px 4px 4px 4px rgb(252, 169,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 52.2457, 0.3822, 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(252, 169, 177) }
```

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

```
.background{ background-color: rgb(252,  
169, 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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