

Converting Colors

$Y_{xy}(53.5112, 0.3750, 0.3144)$

Have a look what the booklet for
Yxy(53.5112, 0.3750, 0.3144)
contains.

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Color

Yxy(53.5112, 0.3750, 0.3144)

Conversions

Conversions Part 1

Format	Color
Hex	FDABB9
RGB	253, 171, 185
RGB Percent	99%, 67%, 73%
CMY	0.0079, 0.3294, 0.2745
CMYK	0.00, 0.32, 0.27, 0.01
HSL	350°, 95%, 83%
HSV	350°, 32%, 99%
XYZ	63.8254, 53.5112, 52.8644
YIQ	197.1140, 44.3780, 21.7380

Conversions

Conversions Part 2

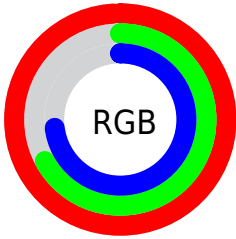
Format	Color
R _Y B	253, 171, 185
Decimal	16624569
CIE Lab	78.18, 31.92, 5.18
CIE LCh	78, 32.334, 9.219
Yxy	53.5112, 0.3750, 0.3144
Android (android.graphics.Color)	4294814649 (0xFFFDABB9)
YUV	197.1140, -5.9722, 49.0120
Hunter-Lab	73.1513, 27.7284, 8.3587

Details

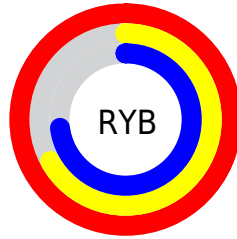
The Yxy color **53.5112, 0.3750, 0.3144** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.1358, 0.2731, 0.3444**, and the grayscale version is **55.9255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5490, 0.3231, 0.3153**, and **26.2249, 0.3922, 0.3103** is the 20% darker color. If you saturate the color by 10%, you get **44.0310, 0.4043, 0.3099**, and if you desaturate by 10%, it is **64.9562, 0.3510, 0.3191**.

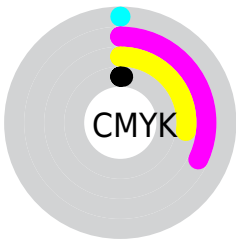
Distribution



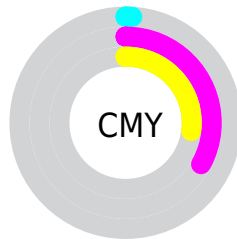
- Red (99%)
- Green (67%)
- Blue (73%)



- Red (99%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (27%)
- Black (1%)





- Cyan (1%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5112, 0.3750, 0.3144 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 53.5112, 0.3750, 0.3144 by changing the saturation by 10% instead.

 53.5112, 0.3750,
0.3144

 53.5112, 0.3750,
0.3144


400.2433, 0.3444,
0.3219

 38.2110, 0.3825,
0.3125


 95.3562, 0.3640,
0.3172

 26.1465, 0.3919,
0.3100


122.6697, 0.3598,
0.3182

 16.9333, 0.4043,
0.3066

154.7566, 0.3563,
0.3191

 10.1869, 0.4213,
0.3018

192.0010, 0.3533,
0.3198

 5.5231, 0.4457,
0.2946

234.7876, 0.3506,
0.3205

 2.5573, 0.4838,
0.2826

283.5005, 0.3483,

 0.9053, 0.5565,

0.3210

0.2627

338.5243, 0.3462,
0.3215

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5112, 0.3750,
0.3144

53.5112, 0.3750,
0.3144

44.0310, 0.4043,
0.3099

64.9562, 0.3510,
0.3191

36.3977, 0.4393,
0.3061

78.4601, 0.3316,
0.3237

30.4924, 0.4793,
0.3037

94.1202, 0.3160,
0.3280

26.1792, 0.5223,
0.3036

99.6209, 0.3115,
0.3290

■ 23.3015, 0.5640,
0.3065

■ 21.6710, 0.5989,
0.3125

■ 21.0566, 0.6184,
0.3180

Harmonies

Analogous

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



53.5112, 0.3354, 0.2845



53.5112, 0.3750, 0.3144



53.5112, 0.3971, 0.3491

Triad

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



53.5112, 0.3750, 0.3144



53.5112, 0.3292, 0.4044



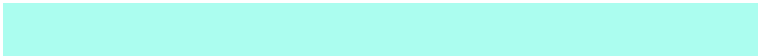
53.5112, 0.2364, 0.2710

Complementary

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



53.5112, 0.3750, 0.3144



85.1358, 0.2731, 0.3444

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.



53.5112, 0.2351, 0.2995



53.5112, 0.3750, 0.3144



53.5112, 0.2868, 0.3806

Square

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



53.5112, 0.3750, 0.3144



53.5112, 0.3689, 0.4033



53.5112, 0.2529, 0.3402



53.5112, 0.2563, 0.2596

Rectangle

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



53.5112, 0.3750, 0.3144



53.5112, 0.3981, 0.3715



53.5112, 0.2529, 0.3402



53.5112, 0.2338, 0.2787

Sweetspot

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



53.5137, 0.3750, 0.3144



83.5077, 0.3275, 0.3247



54.3916, 0.3045, 0.2452



17.4165, 0.3299, 0.3241



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.



53.5137, 0.3750, 0.3144



47.8849, 0.3937, 0.3114



63.7410, 0.3792, 0.3565



18.0377, 0.3267, 0.3250



11.2166, 0.6152, 0.3163



1.1055, 0.5870, 0.3007

Inverse Universe

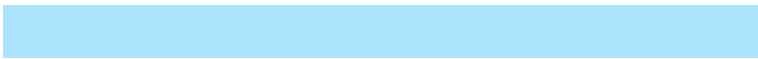
The Inverse Universe completely reimagines the original color for something new.



53.5137, 0.3750, 0.3144



47.8849, 0.3937, 0.3114



70.7053, 0.2627, 0.2996



18.0377, 0.3267, 0.3250



11.2166, 0.6152, 0.3163



1.1055, 0.5870, 0.3007

Previews

White Background



This preview shows how the Yxy color 53.5112, 0.3750, 0.3144 looks on a white background.

Color Contrast Check

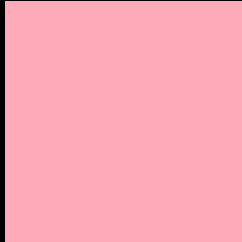
Large Text (above 18pt) WCAG AA × Fail

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 53.5112, 0.3750, 0.3144 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 53.5112, 0.3750, 0.3144

Background



This preview shows how black text looks on a background with the Yxy color 53.5112, 0.3750, 0.3144.



This preview shows how white text looks on a background with the Yxy color 53.5112, 0.3750, 0.3144.

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

53.5112, 0.3750, 0.3144

Protanopia

53.9069, 0.3121, 0.3241

Deuteranopia

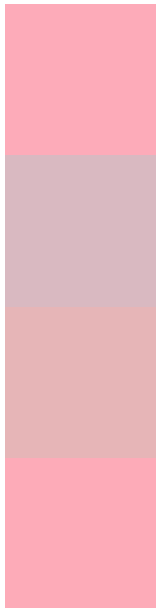
53.6698, 0.3422, 0.3350



Tritanopia

53.4692, 0.3759, 0.3154

Trichromacy



Original Color

53.5112, 0.3750, 0.3144

Protanomaly

53.2999, 0.3335, 0.3197

Deuteranomaly

53.2896, 0.3539, 0.3269

Tritanomaly

53.4692, 0.3759, 0.3154

Monochromacy



Original Color

53.5112, 0.3750, 0.3144

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.5684, 0.3331, 0.3232

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.5112, 0.3750, 0.3144 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(253, 171, 185)` looks like.

```
.text, #text, p{  
    color:rgb(253, 171, 185)  
}
```

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(253, 171, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 171, 185) }
```

Border

The CSS property to change the border of an element to Yxy 53.5112, 0.3750, 0.3144 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(253, 171, 185) }
```

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

```
.border{ border-color:rgb(253, 171, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 171, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 171, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 171, 185);  
box-shadow:4px 4px 4px 4px rgb(253, 171,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5112, 0.3750, 0.3144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 171, 185) }
```

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

```
.background{ background-color: rgb(253,  
171, 185) }
```

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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