

Converting Colors

$Y_{xy}(53.0510, 0.3772, 0.3154)$

Have a look what the booklet for
Yxy(53.0510, 0.3772, 0.3154)
contains.

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Color

Yxy(53.0510, 0.3772, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	FDAAB7
RGB	253, 170, 183
RGB Percent	99%, 67%, 72%
CMY	0.0076, 0.3334, 0.2823
CMYK	0.00, 0.33, 0.28, 0.01
HSL	351°, 96%, 83%
HSV	351°, 33%, 99%
XYZ	63.4459, 53.0510, 51.7054
YIQ	196.2990, 45.2950, 21.6390

Conversions

Conversions Part 2

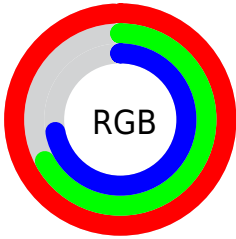
Format	Color
R _Y B	253, 170, 183
Decimal	16624311
CIE Lab	77.91, 32.21, 5.87
CIE LCh	78, 32.744, 10.328
Yxy	53.0510, 0.3772, 0.3154
Android (android.graphics.Color)	4294814391 (0xFFFDAAB7)
YUV	196.2990, -6.5564, 49.7268
Hunter-Lab	72.8361, 28.0241, 8.8961

Details

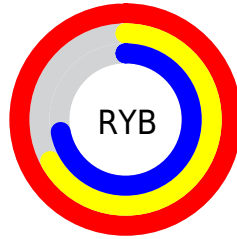
The Yxy color **53.0510, 0.3772, 0.3154** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.1201, 0.2721, 0.3434**, and the grayscale version is **55.4127, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8847, 0.3245, 0.3162**, and **25.9364, 0.3953, 0.3116** is the 20% darker color. If you saturate the color by 10%, you get **43.6410, 0.4073, 0.3113**, and if you desaturate by 10%, it is **64.4265, 0.3526, 0.3197**.

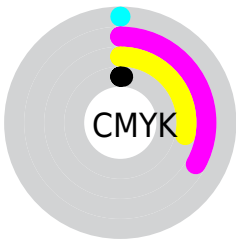
Distribution



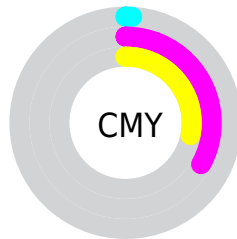
- Red (99%)
- Green (67%)
- Blue (72%)



- Red (99%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (33%)
- Yellow (28%)
- Black (1%)





- Cyan (1%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.0510, 0.3772, 0.3154 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 53.0510, 0.3772, 0.3154 by changing the saturation by 10% instead.

 53.0510, 0.3772,
0.3154

 53.0510, 0.3772,
0.3154


398.4808, 0.3455,
0.3225

 37.8435, 0.3850,
0.3135


 94.6794, 0.3658,
0.3180

 25.8612, 0.3948,
0.3111


121.8691, 0.3615,
0.3190

 16.7199, 0.4077,
0.3078


153.8216, 0.3578,
0.3198

 10.0350, 0.4254,
0.3032

190.9214, 0.3546,
0.3205

 5.4221, 0.4509,
0.2961

233.5528, 0.3519,
0.3211

 2.4970, 0.4908,
0.2841

282.1002, 0.3495,

 0.8751, 0.5703,

0.3217

0.2653

336.9481, 0.3474,
0.3221

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0510, 0.3772,
0.3154

53.0510, 0.3772,
0.3154

43.6410, 0.4073,
0.3113

64.4265, 0.3526,
0.3197

36.0778, 0.4431,
0.3079

77.8623, 0.3327,
0.3239

30.2415, 0.4841,
0.3058

93.4562, 0.3166,
0.3279

25.9950, 0.5277,
0.3060

99.6327, 0.3115,
0.3290

■ 23.1802, 0.5694,
0.3089

■ 21.6061, 0.6036,
0.3147

■ 21.0441, 0.6213,
0.3196

Harmonies

Analogous

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



53.0510, 0.3374, 0.2848



53.0510, 0.3772, 0.3154



53.0510, 0.3988, 0.3506

Triad

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



53.0510, 0.3772, 0.3154



53.0510, 0.3278, 0.4052



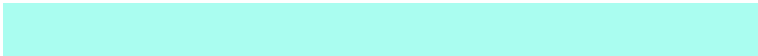
53.0510, 0.2357, 0.2694

Complementary

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



53.0510, 0.3772, 0.3154



85.1201, 0.2721, 0.3434

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.



53.0510, 0.2337, 0.2976



53.0510, 0.3772, 0.3154



53.0510, 0.2849, 0.3801

Square

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



53.0510, 0.3772, 0.3154



53.0510, 0.3684, 0.4050



53.0510, 0.2510, 0.3387



53.0510, 0.2565, 0.2585

Rectangle

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



53.0510, 0.3772, 0.3154



53.0510, 0.3991, 0.3733



53.0510, 0.2510, 0.3387



53.0510, 0.2329, 0.2770

Sweetspot

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



53.0535, 0.3772, 0.3154



83.4877, 0.3278, 0.3251



54.2233, 0.3055, 0.2444



17.4117, 0.3302, 0.3245



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.



53.0535, 0.3772, 0.3154



47.8326, 0.3951, 0.3128



64.0315, 0.3799, 0.3583



18.0336, 0.3270, 0.3253



11.2027, 0.6183, 0.3180



1.1036, 0.5909, 0.3029

Inverse Universe

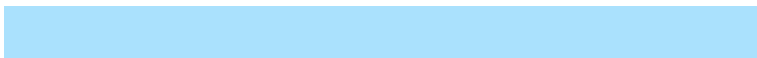
The Inverse Universe completely reimagines the original color for something new.



53.0535, 0.3772, 0.3154



47.8326, 0.3951, 0.3128



69.6851, 0.2619, 0.2975



18.0336, 0.3270, 0.3253



11.2027, 0.6183, 0.3180



1.1036, 0.5909, 0.3029

Previews

White Background



This preview shows how the Yxy color 53.0510, 0.3772, 0.3154 looks on a white background.

Color Contrast Check

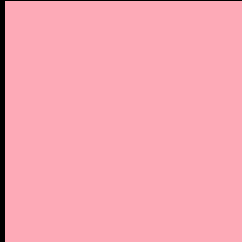
Large Text (above 18pt) WCAG AA × Fail

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 53.0510, 0.3772, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

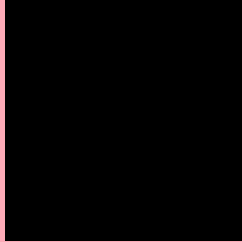
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0510, 0.3772, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 53.0510, 0.3772, 0.3154.



This preview shows how white text looks on a background with the Yxy color 53.0510, 0.3772, 0.3154.

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

53.0510, 0.3772, 0.3154

Protanopia

53.3752, 0.3137, 0.3253

Deuteranopia

53.0120, 0.3432, 0.3362



Tritanopia

53.0510, 0.3772, 0.3154

Trichromacy



Original Color

53.0510, 0.3772, 0.3154



Protanomaly

52.7943, 0.3353, 0.3209



Deuteranomaly

52.6367, 0.3550, 0.3280



Tritanomaly

53.0510, 0.3772, 0.3154

Monochromacy



Original Color

53.0510, 0.3772, 0.3154



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

54.0539, 0.3348, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0510, 0.3772, 0.3154 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, 170, 183)` looks like.

```
.text, #text, p{  
    color:rgb(253, 170, 183)  
}
```

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, 170, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 170, 183) }
```

Border

The CSS property to change the border of an element to Yxy 53.0510, 0.3772, 0.3154 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, 170, 183) }
```

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

```
.border{ border-color:rgb(253, 170, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 170, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 170, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 170, 183);  
box-shadow:4px 4px 4px 4px rgb(253, 170,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0510, 0.3772, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 170, 183) }
```

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

```
.background{ background-color: rgb(253,  
170, 183) }
```

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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