

Converting Colors

Yxy(53.0054, 0.3829, 0.3303)

Have a look what the booklet for
Yxy(53.0054, 0.3829, 0.3303)
contains.

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Color

Yxy(53.0054, 0.3829, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	F9ADAC
RGB	249, 173, 172
RGB Percent	98%, 68%, 67%
CMY	0.0237, 0.3215, 0.3255
CMYK	0.00, 0.31, 0.31, 0.02
HSL	1°, 86%, 83%
HSV	1°, 31%, 98%
XYZ	61.4465, 53.0054, 46.0247
YIQ	195.6100, 45.6170, 15.8010

Conversions

Conversions Part 2

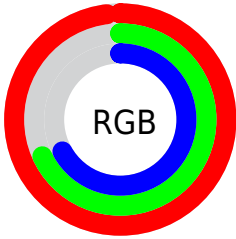
Format	Color
R _Y B	249, 173, 172
Decimal	16362924
CIE Lab	77.88, 27.69, 11.76
CIE LCh	78, 30.084, 23.013
Yxy	53.0054, 0.3829, 0.3303
Android (android.graphics.Color)	4294553004 (0xFFF9ADAC)
YUV	195.6100, -11.6397, 46.8230
Hunter-Lab	72.8048, 23.2436, 13.4823

Details

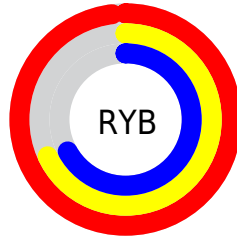
The Yxy color **53.0054, 0.3829, 0.3303** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.7065, 0.2681, 0.3277**, and the grayscale version is **55.0080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8447, 0.3322, 0.3310**, and **25.8654, 0.4022, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **43.5664, 0.4175, 0.3308**, and if you desaturate by 10%, it is **64.3607, 0.3548, 0.3299**.

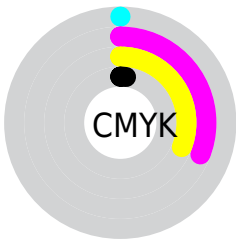
Distribution



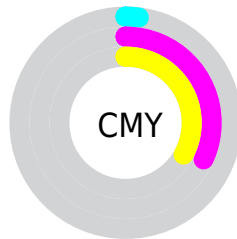
- Red (98%)
- Green (68%)
- Blue (67%)



- Red (98%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (2%)




- Cyan (2%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0054, 0.3829, 0.3303 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 53.0054, 0.3829, 0.3303 by changing the saturation by 10% instead.


 53.0054, 0.3829,
0.3303

 53.0054, 0.3829,
0.3303

398.3058, 0.3482,
0.3305

 37.8071, 0.3914,
0.3300


 94.6123, 0.3704,
0.3306

 25.8330, 0.4022,
0.3295


121.7897, 0.3657,
0.3306

 16.6987, 0.4164,
0.3286


153.7289, 0.3617,
0.3306

 10.0199, 0.4358,
0.3270

190.8143, 0.3582,
0.3306

 5.4122, 0.4638,
0.3238

233.4303, 0.3552,
0.3306

 2.4911, 0.5072,
0.3170

281.9613, 0.3526,

 0.8722, 0.6290,

0.3306

336.7917, 0.3503,
0.3305

0.3238

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0054, 0.3829,
0.3303

53.0054, 0.3829,
0.3303

43.5664, 0.4175,
0.3308

64.3607, 0.3548,
0.3299

35.9312, 0.4587,
0.3312

77.7218, 0.3322,
0.3294

29.9870, 0.5053,
0.3315

93.1817, 0.3142,
0.3290

25.6054, 0.5533,
0.3315

98.8723, 0.3090,
0.3290

■ 22.6396, 0.5960,
0.3313

■ 20.9151, 0.6258,
0.3308

■ 20.2039, 0.6394,
0.3305

Harmonies

Analogous

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



53.0054, 0.3522, 0.2993



53.0054, 0.3829, 0.3303



53.0054, 0.3932, 0.3628

Triad

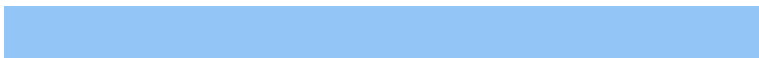
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.0054, 0.3829, 0.3303



53.0054, 0.3097, 0.3916



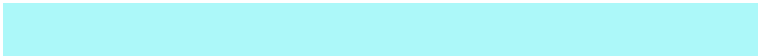
53.0054, 0.2477, 0.2678

Complementary

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



53.0054, 0.3829, 0.3303



82.7065, 0.2681, 0.3277

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.



53.0054, 0.2382, 0.2875



53.0054, 0.3829, 0.3303



53.0054, 0.2725, 0.3608

Square

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



53.0054, 0.3829, 0.3303



53.0054, 0.3494, 0.4016



53.0054, 0.2469, 0.3213



53.0054, 0.2737, 0.2642

Rectangle

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



53.0054, 0.3829, 0.3303



53.0054, 0.3871, 0.3818



53.0054, 0.2469, 0.3213



53.0054, 0.2426, 0.2726

Sweetspot

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



53.0079, 0.3829, 0.3303



85.0017, 0.3284, 0.3293



56.4767, 0.3163, 0.2520



17.7117, 0.3313, 0.3294



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.



53.0079, 0.3829, 0.3303



49.6262, 0.4033, 0.3306



69.4430, 0.3708, 0.3696



17.2620, 0.3294, 0.3294



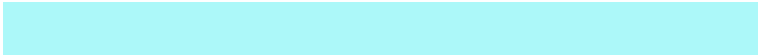
10.8347, 0.6391, 0.3307



1.0161, 0.6368, 0.3326

Inverse Universe

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



82.7065, 0.2681, 0.3277



85.4861, 0.2606, 0.3275



61.9403, 0.2630, 0.2845



19.5668, 0.2980, 0.3286



38.8637, 0.2235, 0.3247



3.6118, 0.2237, 0.3252

Previews

White Background



This preview shows how the Yxy color 53.0054, 0.3829, 0.3303 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 53.0054, 0.3829, 0.3303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

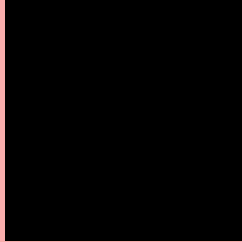
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.0054, 0.3829, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 53.0054, 0.3829, 0.3303.



This preview shows how white text looks on a background with the Yxy color 53.0054, 0.3829, 0.3303.

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

53.0054, 0.3829, 0.3303

Protanopia

53.2188, 0.3261, 0.3413

Deuteranopia

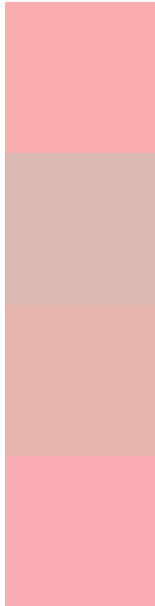
53.2357, 0.3551, 0.3479



Tritanopia

52.9105, 0.3733, 0.3153

Trichromacy



Original Color

53.0054, 0.3829, 0.3303

Protanomaly

52.6640, 0.3459, 0.3374

Deuteranomaly

52.9769, 0.3653, 0.3405

Tritanomaly

53.1243, 0.3767, 0.3206

Monochromacy



Original Color

53.0054, 0.3829, 0.3303

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.0014, 0.3362, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0054, 0.3829, 0.3303 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(249, 173, 172)` looks like.

```
.text, #text, p{  
    color:rgb(249, 173, 172)  
}
```

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(249, 173, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 173, 172) }
```

Border

The CSS property to change the border of an element to Yxy 53.0054, 0.3829, 0.3303 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(249, 173, 172) }
```

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

```
.border{ border-color:rgb(249, 173, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 173, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 173, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 173, 172);  
box-shadow:4px 4px 4px 4px rgb(249, 173,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0054, 0.3829, 0.3303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 173, 172) }
```

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

```
.background{ background-color: rgb(249,  
173, 172) }
```

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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