

Converting Colors

$Y_{xy}(53.7014, 0.3943, 0.3364)$

Have a look what the booklet for
Yxy(53.7014, 0.3943, 0.3364)
contains.

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Color

Yxy(53.9003, 0.3939, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	FFADA6
RGB	255, 173, 166
RGB Percent	100%, 68%, 65%
CMY	0.0000, 0.3216, 0.3490
CMYK	0.00, 0.32, 0.35, 0.00
HSL	5°, 100%, 83%
HSV	5°, 35%, 100%
XYZ	63.0758, 53.9003, 43.1555
YIQ	196.7200, 51.1190, 15.2070

Conversions

Conversions Part 2

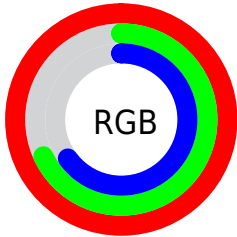
Format	Color
R _Y B	255, 174, 166
Decimal	16756134
CIE Lab	78.40, 29.21, 15.85
CIE LCh	78, 33.238, 28.487
Yxy	53.9003, 0.3939, 0.3366
Android (android.graphics.Color)	4294946214 (0xFFFFADA6)
YUV	196.7200, -15.1450, 51.1116
Hunter-Lab	73.4168, 24.8783, 16.5403

Details

The Yxy color **53.9003, 0.3939, 0.3366** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.4687, 0.2623, 0.3212**, and the grayscale version is **55.7223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5191, 0.3362, 0.3371**, and **26.3836, 0.4158, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **44.8192, 0.4295, 0.3387**, and if you desaturate by 10%, it is **64.7437, 0.3643, 0.3343**.

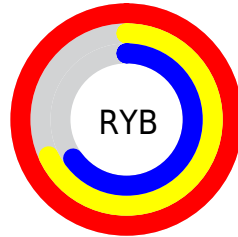
Distribution



Red (100%)

Green (68%)

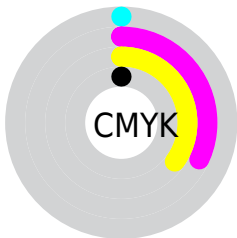
Blue (65%)



Red (100%)

Yellow (68%)

Blue (65%)

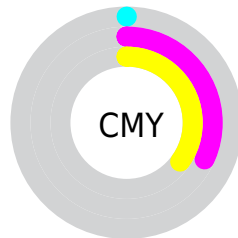


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9003, 0.3939, 0.3366 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 53.9003, 0.3939, 0.3366 by changing the saturation by 10% instead.


 53.9003, 0.3939,
0.3366


 53.9003, 0.3939,
0.3366


401.7297, 0.3539,
0.3341

 38.5220, 0.4037,
0.3369


 95.9278, 0.3795,
0.3360

 26.3880, 0.4160,
0.3370


 123.3458, 0.3741,
0.3357

 17.1142, 0.4322,
0.3368


155.5458, 0.3694,
0.3354

 10.3159, 0.4541,
0.3360

192.9122, 0.3655,
0.3351

 5.6089, 0.4854,
0.3335

235.8294, 0.3620,
0.3348

 2.6088, 0.5330,
0.3270

284.6818, 0.3589,

 0.9311, 0.6647,

0.3345

0.3353

339.8538, 0.3563,
0.3343

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9003, 0.3939,
0.3366

53.9003, 0.3939,
0.3366

44.8192, 0.4295,
0.3387

64.7437, 0.3643,
0.3343

37.4181, 0.4712,
0.3404

77.4482, 0.3403,
0.3321

31.5904, 0.5169,
0.3412

92.0912, 0.3208,
0.3300

27.2221, 0.5626,
0.3406

100.0000, 0.3127,
0.3290

■ 24.1835, 0.6017,
0.3385

■ 22.3223, 0.6277,
0.3350

■ 21.7612, 0.6357,
0.3334

Harmonies

Analogous

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



53.9003, 0.3635, 0.3022



53.9003, 0.3939, 0.3366



53.9003, 0.4004, 0.3716

Triad

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



53.9003, 0.3939, 0.3366



53.9003, 0.3012, 0.3935



53.9003, 0.2456, 0.2601

Complementary

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



53.9003, 0.3939, 0.3366



82.4687, 0.2623, 0.3212

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.



53.9003, 0.2319, 0.2781



53.9003, 0.3939, 0.3366



53.9003, 0.2622, 0.3562

Square

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



53.9003, 0.3939, 0.3366



53.9003, 0.3450, 0.4090



53.9003, 0.2376, 0.3126



53.9003, 0.2767, 0.2596

Rectangle

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



53.9003, 0.3939, 0.3366



53.9003, 0.3905, 0.3914



53.9003, 0.2376, 0.3126



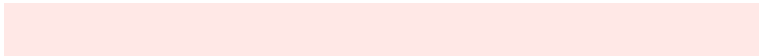
53.9003, 0.2389, 0.2641

Sweetspot

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



53.8964, 0.3939, 0.3366



84.3786, 0.3302, 0.3310



55.3764, 0.3215, 0.2473



17.6249, 0.3330, 0.3313



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.



53.8964, 0.3939, 0.3366



47.2762, 0.4186, 0.3381



73.3474, 0.3781, 0.3810



18.2161, 0.3293, 0.3309



11.4510, 0.6344, 0.3345



1.1903, 0.6223, 0.3441

Inverse Universe

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



82.4687, 0.2623, 0.3212



79.7774, 0.2537, 0.3193



58.7829, 0.2554, 0.2705



20.2229, 0.2980, 0.3271



34.9142, 0.2178, 0.3042



3.4690, 0.2187, 0.3072

Previews

White Background



This preview shows how the Yxy color 53.9003, 0.3939, 0.3366 looks on a white background.

Color Contrast Check

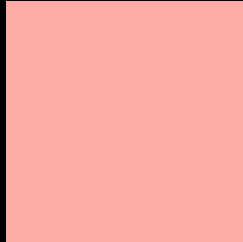
Large Text (above 18pt) WCAG AA × Fail

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 53.9003, 0.3939, 0.3366 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 53.9003, 0.3939, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 53.9003, 0.3939, 0.3366.



This preview shows how white text looks on a background with the Yxy color 53.9003, 0.3939, 0.3366.

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

53.9003, 0.3939, 0.3366

Protanopia

54.3145, 0.3322, 0.3498

Deuteranopia

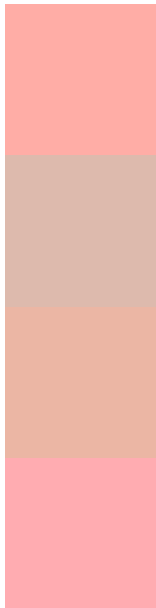
54.0323, 0.3643, 0.3571



Tritanopia

53.8465, 0.3777, 0.3155

Trichromacy



Original Color

53.9003, 0.3939, 0.3366

Protanomaly

53.5071, 0.3534, 0.3443

Deuteranomaly

53.7984, 0.3747, 0.3494

Tritanomaly

53.9394, 0.3839, 0.3240

Monochromacy



Original Color

53.9003, 0.3939, 0.3366

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

54.4170, 0.3396, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9003, 0.3939, 0.3366 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, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 166)  
}
```

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, 173, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 166) }
```

Border

The CSS property to change the border of an element to Yxy 53.9003, 0.3939, 0.3366 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, 173, 166) }
```

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

```
.border{ border-color:rgb(255, 173, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9003, 0.3939, 0.3366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 166) }
```

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

```
.background{ background-color: rgb(255,  
173, 166) }
```

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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