

Converting Colors

Yxy(53.1859, 0.3925, 0.3320)

Have a look what the booklet for
Yxy(53.1859, 0.3925, 0.3320)
contains.

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Color

Yxy(53.2130, 0.3927, 0.3324)

Conversions

Conversions Part 1

Format	Color
Hex	FFABA8
RGB	255, 171, 168
RGB Percent	100%, 67%, 66%
CMY	0.0001, 0.3294, 0.3411
CMYK	0.00, 0.33, 0.34, 0.00
HSL	2°, 100%, 83%
HSV	2°, 34%, 100%
XYZ	62.8663, 53.2130, 44.0080
YIQ	195.7740, 51.0270, 16.8750

Conversions

Conversions Part 2

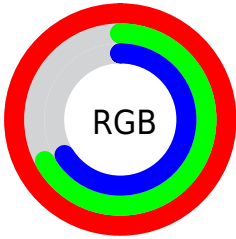
Format	Color
R _Y B	255, 171, 168
Decimal	16755624
CIE Lab	78.00, 30.47, 14.20
CIE LCh	78, 33.613, 24.985
Yxy	53.2130, 0.3927, 0.3324
Android (android.graphics.Color)	4294945704 (0xFFFFABA8)
YUV	195.7740, -13.6926, 51.9412
Hunter-Lab	72.9472, 26.1744, 15.2943

Details

The Yxy color **53.2130, 0.3927, 0.3324** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.1505, 0.2638, 0.3256**, and the grayscale version is **55.1220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5259, 0.3351, 0.3331**, and **25.9536, 0.4144, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **43.9056, 0.4290, 0.3334**, and if you desaturate by 10%, it is **64.4436, 0.3629, 0.3314**.

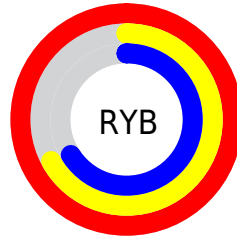
Distribution



Red (100%)

Green (67%)

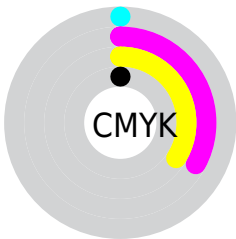
Blue (66%)



Red (100%)

Yellow (67%)

Blue (66%)

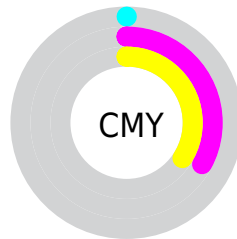


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.2130, 0.3927, 0.3324 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 53.2130, 0.3927, 0.3324 by changing the saturation by 10% instead.


 53.2130, 0.3927,
0.3324

 53.2130, 0.3927,
0.3324


399.1018, 0.3532,
0.3319

 37.9728, 0.4024,
0.3322


 94.9177, 0.3785,
0.3325

 25.9616, 0.4146,
0.3318


122.1511, 0.3731,
0.3324

 16.7949, 0.4307,
0.3309


154.1509, 0.3685,
0.3323

 10.0884, 0.4526,
0.3292

191.3017, 0.3646,
0.3322

 5.4576, 0.4839,
0.3256

233.9878, 0.3612,
0.3321

 2.5182, 0.5319,
0.3176

282.5936, 0.3582,

 0.8857, 0.6734,

0.3320

0.3266

337.5034, 0.3555,
0.3319

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.2130, 0.3927,
0.3324

53.2130, 0.3927,
0.3324

43.9056, 0.4290,
0.3334

64.4436, 0.3629,
0.3314

36.4065, 0.4716,
0.3342

77.6887, 0.3388,
0.3303

30.6004, 0.5187,
0.3346

93.0429, 0.3195,
0.3294

26.3557, 0.5655,
0.3344

99.9964, 0.3127,
0.3290

■ 23.5213, 0.6050,
0.3334

■ 21.9162, 0.6304,
0.3319

■ 21.4476, 0.6384,
0.3313

Harmonies

Analogous

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



53.2130, 0.3595, 0.2980



53.2130, 0.3927, 0.3324



53.2130, 0.4024, 0.3682

Triad

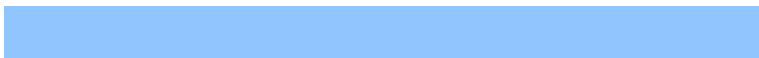
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.2130, 0.3927, 0.3324



53.2130, 0.3061, 0.3978



53.2130, 0.2420, 0.2602

Complementary

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



53.2130, 0.3927, 0.3324



85.1505, 0.2638, 0.3256

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.



53.2130, 0.2304, 0.2806



53.2130, 0.3927, 0.3324



53.2130, 0.2654, 0.3617

Square

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



53.2130, 0.3927, 0.3324



53.2130, 0.3504, 0.4103



53.2130, 0.2385, 0.3172



53.2130, 0.2717, 0.2578

Rectangle

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



53.2130, 0.3927, 0.3324



53.2130, 0.3942, 0.3891



53.2130, 0.2385, 0.3172



53.2130, 0.2360, 0.2650

Sweetspot

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



53.2156, 0.3927, 0.3324



83.7511, 0.3303, 0.3299



56.2990, 0.3190, 0.2466



17.4746, 0.3331, 0.3301



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.



53.2156, 0.3927, 0.3324



46.6083, 0.4170, 0.3331



72.3771, 0.3773, 0.3769



18.0875, 0.3294, 0.3299



11.2523, 0.6377, 0.3319



1.1294, 0.6320, 0.3364

Inverse Universe

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



85.1505, 0.2638, 0.3256



82.9836, 0.2557, 0.3248



60.9480, 0.2572, 0.2755



20.3674, 0.2980, 0.3281



38.3209, 0.2217, 0.3181



3.7635, 0.2221, 0.3194

Previews

White Background



This preview shows how the Yxy color 53.2130, 0.3927, 0.3324 looks on a white background.

Color Contrast Check

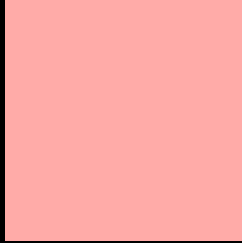
Large Text (above 18pt) WCAG AA × Fail

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 53.2130, 0.3927, 0.3324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

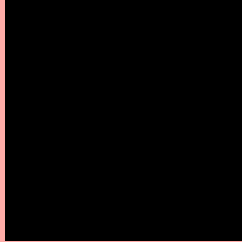
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 53.2130, 0.3927, 0.3324

Background



This preview shows how black text looks on a background with the Yxy color 53.2130, 0.3927, 0.3324.



This preview shows how white text looks on a background with the Yxy color 53.2130, 0.3927, 0.3324.

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

53.2130, 0.3927, 0.3324

Protanopia

53.6740, 0.3292, 0.3462

Deuteranopia

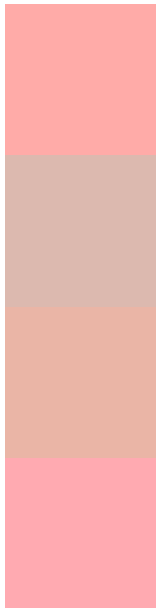
53.3640, 0.3611, 0.3537



Tritanopia

53.3868, 0.3799, 0.3166

Trichromacy



Original Color

53.2130, 0.3927, 0.3324

Protanomaly

53.0087, 0.3511, 0.3408

Deuteranomaly

53.2933, 0.3724, 0.3461

Tritanomaly

53.1838, 0.3846, 0.3218

Monochromacy



Original Color

53.2130, 0.3927, 0.3324

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.8375, 0.3389, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.2130, 0.3927, 0.3324 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, 171, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 168)  
}
```

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, 171, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 168) }
```

Border

The CSS property to change the border of an element to Yxy 53.2130, 0.3927, 0.3324 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, 171, 168) }
```

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

```
.border{ border-color:rgb(255, 171, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 53.2130, 0.3927, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 168) }
```

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

```
.background{ background-color: rgb(255,  
171, 168) }
```

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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