

Converting Colors

Yxy(54.9857, 0.3974, 0.3335)

Have a look what the booklet for
Yxy(54.9857, 0.3974, 0.3335)
contains.

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Color

Yxy(53.5922, 0.3924, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	FFACA8
RGB	255, 172, 168
RGB Percent	100%, 67%, 66%
CMY	0.0000, 0.3254, 0.3413
CMYK	0.00, 0.33, 0.34, 0.00
HSL	3°, 100%, 83%
HSV	3°, 34%, 100%
XYZ	63.0572, 53.5922, 44.0468
YIQ	196.3610, 50.7520, 16.3520

Conversions

Conversions Part 2

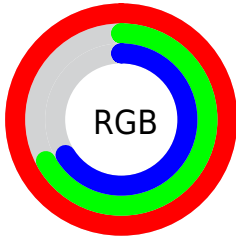
Format	Color
R _Y B	255, 172, 168
Decimal	16755880
CIE Lab	78.22, 29.95, 14.54
CIE LCh	78, 33.290, 25.894
Yxy	53.5922, 0.3924, 0.3335
Android (android.graphics.Color)	4294945960 (0xFFFFACA8)
YUV	196.3610, -13.9820, 51.4264
Hunter-Lab	73.2067, 25.6408, 15.5712

Details

The Yxy color **53.5922, 0.3924, 0.3335** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.5032, 0.2636, 0.3244**, and the grayscale version is **55.4930, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0745, 0.3350, 0.3341**, and **26.1904, 0.4138, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **44.3118, 0.4284, 0.3348**, and if you desaturate by 10%, it is **64.7570, 0.3628, 0.3321**.

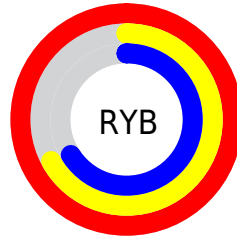
Distribution



Red (100%)

Green (67%)

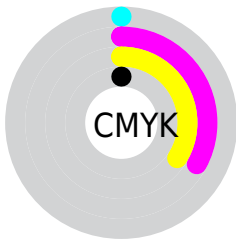
Blue (66%)



Red (100%)

Yellow (67%)

Blue (66%)

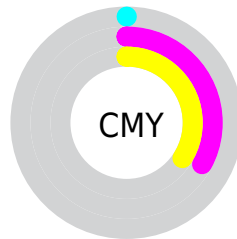


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.5922, 0.3924, 0.3335 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 53.5922, 0.3924, 0.3335 by changing the saturation by 10% instead.


 53.5922, 0.3924,
0.3335


 53.5922, 0.3924,
0.3335


400.5530, 0.3531,
0.3324

 38.2757, 0.4020,
0.3334


 95.4752, 0.3783,
0.3334

 26.1968, 0.4142,
0.3332


 122.8106, 0.3729,
0.3332

 16.9709, 0.4301,
0.3325


154.9210, 0.3684,
0.3331

 10.2137, 0.4518,
0.3311

192.1909, 0.3644,
0.3330

 5.5409, 0.4828,
0.3279

235.0046, 0.3610,
0.3328

 2.5680, 0.5302,
0.3204

283.7466, 0.3581,

 0.9106, 0.6695,

0.3327

0.3305

338.8013, 0.3554,
0.3326

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.5922, 0.3924,
0.3335

53.5922, 0.3924,
0.3335

44.3118, 0.4284,
0.3348

64.7570, 0.3628,
0.3321

36.8048, 0.4707,
0.3358

77.8940, 0.3388,
0.3308

30.9603, 0.5173,
0.3364

93.0947, 0.3195,
0.3295

26.6521, 0.5639,
0.3361

99.9999, 0.3127,
0.3290

■ 23.7356, 0.6035,
0.3348

■ 22.0389, 0.6295,
0.3327

■ 21.5196, 0.6378,
0.3318

Harmonies

Analogous

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



53.5922, 0.3602, 0.2993



53.5922, 0.3924, 0.3335



53.5922, 0.4012, 0.3689

Triad

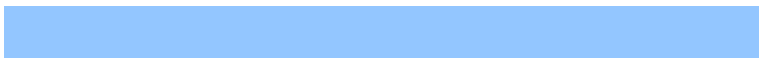
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.5922, 0.3924, 0.3335



53.5922, 0.3049, 0.3961



53.5922, 0.2434, 0.2607

Complementary

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



53.5922, 0.3924, 0.3335



84.5032, 0.2636, 0.3244

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.



53.5922, 0.2313, 0.2803



53.5922, 0.3924, 0.3335



53.5922, 0.2649, 0.3600

Square

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



53.5922, 0.3924, 0.3335



53.5922, 0.3488, 0.4094



53.5922, 0.2388, 0.3161



53.5922, 0.2733, 0.2587

Rectangle

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



53.5922, 0.3924, 0.3335



53.5922, 0.3926, 0.3893



53.5922, 0.2388, 0.3161



53.5922, 0.2373, 0.2652

Sweetspot

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



53.5948, 0.3924, 0.3335



83.9217, 0.3303, 0.3302



56.2852, 0.3190, 0.2465



17.5154, 0.3331, 0.3304



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.



53.5948, 0.3924, 0.3335



47.0242, 0.4164, 0.3344



72.3720, 0.3773, 0.3769



18.1225, 0.3293, 0.3302



11.3020, 0.6369, 0.3325



1.1460, 0.6293, 0.3385

Inverse Universe

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



84.5032, 0.2636, 0.3244



82.2020, 0.2555, 0.3234



60.9350, 0.2572, 0.2755



20.3279, 0.2980, 0.3278



37.3723, 0.2207, 0.3144



3.6817, 0.2212, 0.3162

Previews

White Background



This preview shows how the Yxy color 53.5922, 0.3924, 0.3335 looks on a white background.

Color Contrast Check

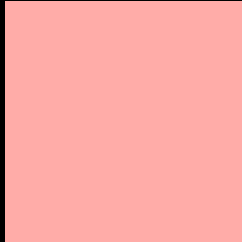
Large Text (above 18pt) WCAG AA × Fail

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 53.5922, 0.3924, 0.3335 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 53.5922, 0.3924, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 53.5922, 0.3924, 0.3335.



This preview shows how white text looks on a background with the Yxy color 53.5922, 0.3924, 0.3335.

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

53.5922, 0.3924, 0.3335

Protanopia

53.8121, 0.3300, 0.3462

Deuteranopia

53.9452, 0.3617, 0.3548



Tritanopia

53.4283, 0.3789, 0.3155

Trichromacy



Original Color

53.5922, 0.3924, 0.3335



Protanomaly

53.1652, 0.3520, 0.3408



Deuteranomaly

53.8712, 0.3730, 0.3472



Tritanomaly

53.6002, 0.3833, 0.3218

Monochromacy



Original Color

53.5922, 0.3924, 0.3335



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 53.5922, 0.3924, 0.3335 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, 172, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 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, 172, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 168) }
```

Border

The CSS property to change the border of an element to Yxy 53.5922, 0.3924, 0.3335 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, 172, 168) }
```

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

```
.border{ border-color:rgb(255, 172, 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, 172, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 53.5922, 0.3924, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 168) }
```

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

```
.background{ background-color: rgb(255,  
172, 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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