

Converting Colors

Yxy(58.4331, 0.3938, 0.3133)

Have a look what the booklet for
Yxy(58.4331, 0.3938, 0.3133)
contains.

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Color

Yxy(53.9737, 0.3749, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	FFABBB
RGB	255, 171, 187
RGB Percent	100%, 67%, 73%
CMY	0.0000, 0.3294, 0.2666
CMYK	0.00, 0.33, 0.27, 0.00
HSL	349°, 100%, 84%
HSV	349°, 33%, 100%
XYZ	64.7719, 53.9737, 54.0255
YIQ	197.9400, 44.9280, 22.7840

Conversions

Conversions Part 2

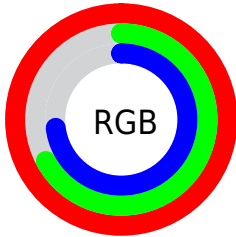
Format	Color
R _Y B	255, 171, 187
Decimal	16755643
CIE Lab	78.45, 32.90, 4.50
CIE LCh	78, 33.210, 7.794
Yxy	53.9737, 0.3749, 0.3124
Android (android.graphics.Color)	4294945723 (0xFFFFA8BB)
YUV	197.9400, -5.3934, 50.0416
Hunter-Lab	73.4668, 28.8074, 7.8265

Details

The Yxy color **53.9737, 0.3749, 0.3124** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.4060, 0.2733, 0.3466**, and the grayscale version is **56.4486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6692, 0.3217, 0.3133**, and **26.5484, 0.3920, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **44.4325, 0.4037, 0.3074**, and if you desaturate by 10%, it is **65.5052, 0.3513, 0.3177**.

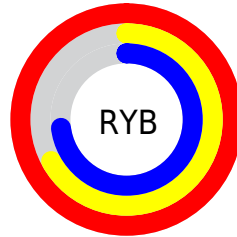
Distribution



Red (100%)

Green (67%)

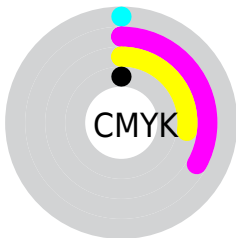
Blue (73%)



Red (100%)

Yellow (67%)

Blue (73%)

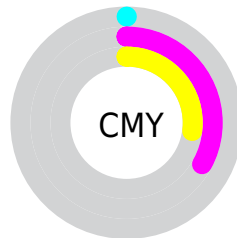


Cyan (0%)

Magenta (33%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.9737, 0.3749, 0.3124 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 53.9737, 0.3749, 0.3124 by changing the saturation by 10% instead.


 53.9737, 0.3749,
0.3124

 53.9737, 0.3749,
0.3124


402.0097, 0.3444,
0.3209

 38.5806, 0.3823,
0.3103


 96.0356, 0.3640,
0.3155

 26.4336, 0.3917,
0.3075


123.4733, 0.3598,
0.3167

 17.1483, 0.4040,
0.3038


155.6946, 0.3563,
0.3176

 10.3403, 0.4208,
0.2986

193.0839, 0.3533,
0.3185

 5.6252, 0.4449,
0.2909

236.0257, 0.3506,
0.3192

 2.6185, 0.4824,
0.2784

284.9044, 0.3483,

 0.9360, 0.5508,

0.3198

0.2565

340.1042, 0.3462,
0.3204

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.9737, 0.3749,
0.3124

53.9737, 0.3749,
0.3124

44.4325, 0.4037,
0.3074

65.5052, 0.3513,
0.3177

36.7612, 0.4381,
0.3031

79.1229, 0.3321,
0.3228

30.8384, 0.4774,
0.3005

94.9259, 0.3167,
0.3276

26.5252, 0.5195,
0.3003

99.9988, 0.3127,
0.3290

■ 23.6612, 0.5605,
0.3034

■ 22.0527, 0.5952,
0.3099

■ 21.4772, 0.6139,
0.3155

Harmonies

Analogous

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



53.9737, 0.3338, 0.2822



53.9737, 0.3749, 0.3124



53.9737, 0.3986, 0.3477

Triad

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



53.9737, 0.3749, 0.3124



53.9737, 0.3316, 0.4069



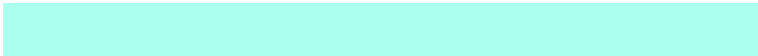
53.9737, 0.2342, 0.2707

Complementary

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



53.9737, 0.3749, 0.3124



86.4060, 0.2733, 0.3466

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.



53.9737, 0.2338, 0.3004



53.9737, 0.3749, 0.3124



53.9737, 0.2881, 0.3836

Square

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



53.9737, 0.3749, 0.3124



53.9737, 0.3718, 0.4045



53.9737, 0.2528, 0.3425



53.9737, 0.2536, 0.2582

Rectangle

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



53.9737, 0.3749, 0.3124



53.9737, 0.4005, 0.3708



53.9737, 0.2528, 0.3425



53.9737, 0.2319, 0.2788

Sweetspot

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



53.9763, 0.3749, 0.3124



83.5370, 0.3272, 0.3242



54.5598, 0.3032, 0.2435



17.4235, 0.3295, 0.3236



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.



53.9763, 0.3749, 0.3124



47.0380, 0.3947, 0.3088



63.7713, 0.3812, 0.3555



18.0436, 0.3264, 0.3245



11.2389, 0.6104, 0.3136



1.1085, 0.5811, 0.2975

Inverse Universe

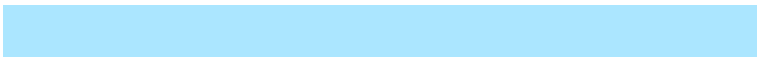
The Inverse Universe completely reimagines the original color for something new.



53.9763, 0.3749, 0.3124



47.0380, 0.3947, 0.3088



72.3597, 0.2621, 0.3006



18.0436, 0.3264, 0.3245



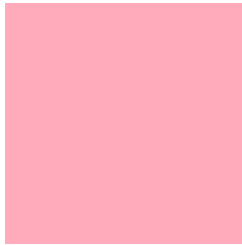
11.2389, 0.6104, 0.3136



1.1085, 0.5811, 0.2975

Previews

White Background



This preview shows how the Yxy color 53.9737, 0.3749, 0.3124 looks on a white background.

Color Contrast Check

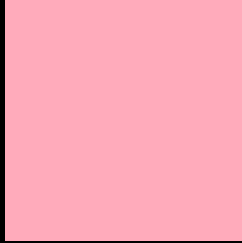
Large Text (above 18pt) WCAG AA × Fail

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 53.9737, 0.3749, 0.3124 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 53.9737, 0.3749, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 53.9737, 0.3749, 0.3124.



This preview shows how white text looks on a background with the Yxy color 53.9737, 0.3749, 0.3124.

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

53.9737, 0.3749, 0.3124

Protanopia

54.0458, 0.3099, 0.3205

Deuteranopia

54.1788, 0.3404, 0.3338



Tritanopia

53.8465, 0.3777, 0.3155

Trichromacy



Original Color

53.9737, 0.3749, 0.3124



Protanomaly

53.3898, 0.3318, 0.3174



Deuteranomaly

53.9476, 0.3529, 0.3257



Tritanomaly

53.8886, 0.3768, 0.3145

Monochromacy



Original Color

53.9737, 0.3749, 0.3124



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

54.9216, 0.3339, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.9737, 0.3749, 0.3124 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, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 187)  
}
```

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, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 187) }
```

Border

The CSS property to change the border of an element to Yxy 53.9737, 0.3749, 0.3124 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, 187) }
```

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

```
.border{ border-color:rgb(255, 171, 187) }
```

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, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 53.9737, 0.3749, 0.3124 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, 187) }
```

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

```
.background{ background-color: rgb(255,  
171, 187) }
```

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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