

Converting Colors

Yxy(65.7894, 0.4262, 0.3160)

Have a look what the booklet for
Yxy(65.7894, 0.4262, 0.3160)
contains.

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Color

Yxy(53.1387, 0.3773, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	FFA9B9
RGB	255, 169, 185
RGB Percent	100%, 66%, 73%
CMY	0.0001, 0.3372, 0.2744
CMYK	0.00, 0.34, 0.27, 0.00
HSL	349°, 100%, 83%
HSV	349°, 34%, 100%
XYZ	64.1781, 53.1387, 52.7815
YIQ	196.5380, 46.1200, 23.2080

Conversions

Conversions Part 2

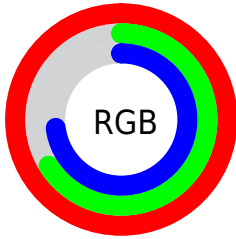
Format	Color
R _Y B	255, 169, 185
Decimal	16755129
CIE Lab	77.96, 33.67, 4.88
CIE LCh	78, 34.018, 8.256
Yxy	53.1387, 0.3773, 0.3124
Android (android.graphics.Color)	4294945209 (0xFFFFA9B9)
YUV	196.5380, -5.6882, 51.2712
Hunter-Lab	72.8963, 29.5833, 8.0977

Details

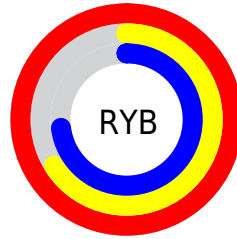
The Yxy color **53.1387, 0.3773, 0.3124** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.1690, 0.2723, 0.3467**, and the grayscale version is **55.5580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4613, 0.3232, 0.3133**, and **26.0270, 0.3954, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **43.7466, 0.4067, 0.3075**, and if you desaturate by 10%, it is **64.5135, 0.3531, 0.3175**.

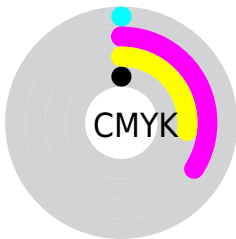
Distribution



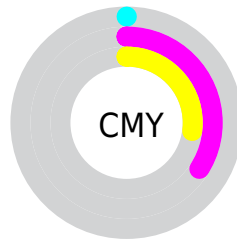
- Red (100%)
- Green (66%)
- Blue (73%)



- Red (100%)
- Yellow (66%)
- Blue (73%)



- Cyan (0%)
- Magenta (34%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (34%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1387, 0.3773, 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 53.1387, 0.3773, 0.3124 by changing the saturation by 10% instead.


 53.1387, 0.3773,
0.3124

 53.1387, 0.3773,
0.3124


398.8170, 0.3455,
0.3209

 37.9135, 0.3850,
0.3102


 94.8084, 0.3659,
0.3155

 25.9156, 0.3949,
0.3074


122.0218, 0.3616,
0.3167

 16.7605, 0.4078,
0.3036


153.9999, 0.3579,
0.3177

 10.0639, 0.4254,
0.2983

191.1273, 0.3547,
0.3185

 5.4413, 0.4508,
0.2904

233.7883, 0.3520,
0.3192

 2.5085, 0.4903,
0.2772

282.3673, 0.3496,

 0.8809, 0.5657,

0.3199

0.2553

337.2488, 0.3474,
0.3204

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1387, 0.3773,
0.3124

53.1387, 0.3773,
0.3124

43.7466, 0.4067,
0.3075

64.5135, 0.3531,
0.3175

36.2161, 0.4417,
0.3035

77.9678, 0.3335,
0.3226

30.4247, 0.4815,
0.3011

93.6011, 0.3178,
0.3273

26.2320, 0.5240,
0.3012

99.9944, 0.3127,
0.3290

■ 23.4755, 0.5648,
0.3045

■ 21.9577, 0.5987,
0.3112

■ 21.4633, 0.6149,
0.3161

Harmonies

Analogous

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



53.1387, 0.3350, 0.2814



53.1387, 0.3773, 0.3124



53.1387, 0.4014, 0.3487

Triad

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



53.1387, 0.3773, 0.3124



53.1387, 0.3313, 0.4092



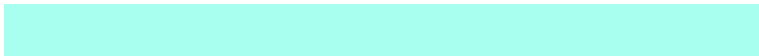
53.1387, 0.2322, 0.2686

Complementary

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



53.1387, 0.3773, 0.3124



86.1690, 0.2723, 0.3467

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.



53.1387, 0.2315, 0.2989



53.1387, 0.3773, 0.3124



53.1387, 0.2866, 0.3848

Square

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



53.1387, 0.3773, 0.3124



53.1387, 0.3729, 0.4069



53.1387, 0.2506, 0.3421



53.1387, 0.2524, 0.2562

Rectangle

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



53.1387, 0.3773, 0.3124



53.1387, 0.4029, 0.3724



53.1387, 0.2506, 0.3421



53.1387, 0.2297, 0.2768

Sweetspot

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



53.1412, 0.3773, 0.3124



83.5304, 0.3273, 0.3244



53.7406, 0.3029, 0.2415



17.4219, 0.3296, 0.3237



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.



53.1412, 0.3773, 0.3124



47.0204, 0.3952, 0.3093



63.0627, 0.3833, 0.3561



18.0423, 0.3265, 0.3246



11.2337, 0.6115, 0.3143



1.1078, 0.5824, 0.2982

Inverse Universe

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



53.1412, 0.3773, 0.3124



47.0204, 0.3952, 0.3093



71.7966, 0.2610, 0.2999



18.0423, 0.3265, 0.3246



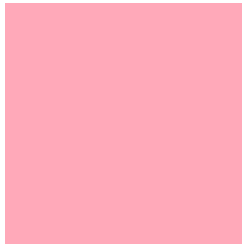
11.2337, 0.6115, 0.3143



1.1078, 0.5824, 0.2982

Previews

White Background



This preview shows how the Yxy color 53.1387, 0.3773, 0.3124 looks on a white background.

Color Contrast Check

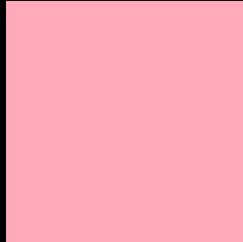
Large Text (above 18pt) WCAG AA × Fail

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 53.1387, 0.3773, 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 53.1387, 0.3773, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 53.1387, 0.3773, 0.3124.



This preview shows how white text looks on a background with the Yxy color 53.1387, 0.3773, 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

53.1387, 0.3773, 0.3124

Protanopia

53.3786, 0.3106, 0.3217

Deuteranopia

53.5170, 0.3413, 0.3350



Tritanopia

53.0133, 0.3802, 0.3155

Trichromacy



Original Color

53.1387, 0.3773, 0.3124



Protanomaly

52.8829, 0.3336, 0.3186



Deuteranomaly

52.8844, 0.3542, 0.3257



Tritanomaly

53.0548, 0.3792, 0.3145

Monochromacy



Original Color

53.1387, 0.3773, 0.3124



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.2963, 0.3340, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1387, 0.3773, 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, 169, 185)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 185)  
}
```

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, 169, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 185) }
```

Border

The CSS property to change the border of an element to Yxy 53.1387, 0.3773, 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, 169, 185) }
```

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

```
.border{ border-color:rgb(255, 169, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 169, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 169, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 169, 185); box-shadow:4px 4px 4px 4px rgb(255, 169, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1387, 0.3773, 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, 169, 185) }
```

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

```
.background{ background-color: rgb(255,  
169, 185) }
```

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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