

Converting Colors

Yxy(52.3184, 0.3769, 0.3087)

Have a look what the booklet for
Yxy(52.3184, 0.3769, 0.3087)
contains.

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Color

Yxy(52.4426, 0.3770, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	FFA7BA
RGB	255, 167, 186
RGB Percent	100%, 65%, 73%
CMY	0.0000, 0.3451, 0.2707
CMYK	0.00, 0.35, 0.27, 0.00
HSL	347°, 100%, 83%
HSV	347°, 35%, 100%
XYZ	63.9213, 52.4426, 53.1886
YIQ	195.4780, 46.3490, 24.5650

Conversions

Conversions Part 2

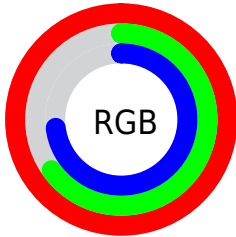
Format	Color
R _Y B	255, 167, 186
Decimal	16754618
CIE Lab	77.54, 34.86, 3.77
CIE LCh	78, 35.059, 6.175
Yxy	52.4426, 0.3770, 0.3093
Android (android.graphics.Color)	4294944698 (0xFFFFA7BA)
YUV	195.4780, -4.6727, 52.2008
Hunter-Lab	72.4173, 30.8283, 7.1451

Details

The Yxy color **52.4426, 0.3770, 0.3093** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.7945, 0.2728, 0.3501**, and the grayscale version is **54.8798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4462, 0.3227, 0.3103**, and **25.5984, 0.3950, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **43.2110, 0.4057, 0.3037**, and if you desaturate by 10%, it is **63.6366, 0.3534, 0.3152**.

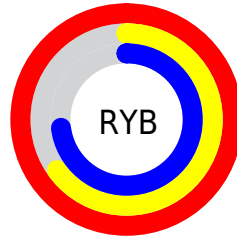
Distribution



Red (100%)

Green (65%)

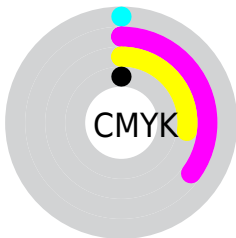
Blue (73%)



Red (100%)

Yellow (65%)

Blue (73%)

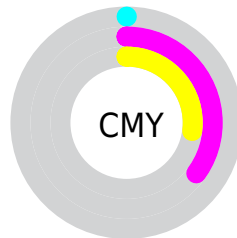


Cyan (0%)

Magenta (35%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (35%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.4426, 0.3770, 0.3093 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 52.4426, 0.3770, 0.3093 by changing the saturation by 10% instead.


 52.4426, 0.3770,
0.3093


 52.4426, 0.3770,
0.3093


396.1429, 0.3454,
0.3193

 37.3580, 0.3847,
0.3068


 93.7837, 0.3656,
0.3129

 25.4848, 0.3945,
0.3036


 120.8089, 0.3613,
0.3143

 16.4386, 0.4074,
0.2993


152.5831, 0.3577,
0.3155

 9.8351, 0.4250,
0.2932

189.4907, 0.3545,
0.3164

 5.2897, 0.4505,
0.2843

231.9161, 0.3518,
0.3173

 2.4182, 0.4902,
0.2698

280.2437, 0.3494,

 0.8352, 0.5654,

0.3180

0.2451

334.8578, 0.3473,
0.3187

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

52.4426, 0.3770,
0.3093

52.4426, 0.3770,
0.3093

43.2110, 0.4057,
0.3037

63.6366, 0.3534,
0.3152

35.8260, 0.4396,
0.2990

76.8954, 0.3342,
0.3211

30.1630, 0.4782,
0.2962

92.3170, 0.3187,
0.3266

26.0807, 0.5193,
0.2962

100.0000, 0.3127,
0.3290

■ 23.4154, 0.5591,
0.2999

■ 21.9668, 0.5927,
0.3072

■ 21.5353, 0.6075,
0.3120

Harmonies

Analogous

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



52.4426, 0.3324, 0.2780



52.4426, 0.3770, 0.3093



52.4426, 0.4036, 0.3465

Triad

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



52.4426, 0.3770, 0.3093



52.4426, 0.3351, 0.4129



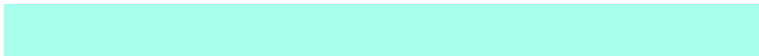
52.4426, 0.2289, 0.2681

Complementary

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



52.4426, 0.3770, 0.3093



85.7945, 0.2728, 0.3501

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.



52.4426, 0.2296, 0.3005



52.4426, 0.3770, 0.3093



52.4426, 0.2887, 0.3895

Square

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



52.4426, 0.3770, 0.3093



52.4426, 0.3774, 0.4084



52.4426, 0.2506, 0.3458



52.4426, 0.2483, 0.2541

Rectangle

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



52.4426, 0.3770, 0.3093



52.4426, 0.4065, 0.3711



52.4426, 0.2506, 0.3458



52.4426, 0.2268, 0.2770

Sweetspot

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



52.4432, 0.3770, 0.3093



83.5736, 0.3268, 0.3236



52.6811, 0.3015, 0.2390



17.4323, 0.3290, 0.3228



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.



52.4432, 0.3770, 0.3093



46.2329, 0.3950, 0.3056



61.7220, 0.3860, 0.3553



18.0511, 0.3260, 0.3239



11.2704, 0.6038, 0.3100



1.1126, 0.5734, 0.2932

Inverse Universe

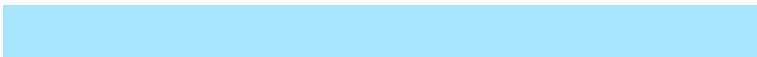
The Inverse Universe completely reimagines the original color for something new.



52.4432, 0.3770, 0.3093



46.2329, 0.3950, 0.3056



72.0677, 0.2600, 0.3008



18.0511, 0.3260, 0.3239



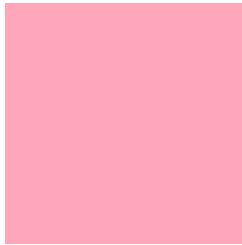
11.2704, 0.6038, 0.3100



1.1126, 0.5734, 0.2932

Previews

White Background



This preview shows how the Yxy color 52.4426, 0.3770, 0.3093 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 52.4426, 0.3770, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

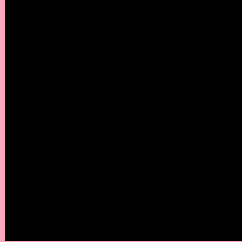
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.4426, 0.3770, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 52.4426, 0.3770, 0.3093.



This preview shows how white text looks on a background with the Yxy color 52.4426, 0.3770, 0.3093.

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

52.4426, 0.3770, 0.3093

Protanopia

52.7692, 0.3076, 0.3180

Deuteranopia

52.4130, 0.3391, 0.3315



Tritanopia

52.4123, 0.3805, 0.3155

Trichromacy



Original Color

52.4426, 0.3770, 0.3093



Protanomaly

51.9950, 0.3314, 0.3139



Deuteranomaly

51.9595, 0.3528, 0.3223



Tritanomaly

52.4950, 0.3786, 0.3134

Monochromacy



Original Color

52.4426, 0.3770, 0.3093



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.2554, 0.3343, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.4426, 0.3770, 0.3093 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, 167, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 167, 186)  
}
```

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, 167, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 167, 186) }
```

Border

The CSS property to change the border of an element to Yxy 52.4426, 0.3770, 0.3093 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, 167, 186) }
```

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

```
.border{ border-color:rgb(255, 167, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 167, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 167, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 167, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 167,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 52.4426, 0.3770, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 167, 186) }
```

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

```
.background{ background-color: rgb(255,  
167, 186) }
```

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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