

Converting Colors

$Yxy(49.5506, 0.3837, 0.3063)$

Have a look what the booklet for
Yxy(49.5506, 0.3837, 0.3063)
contains.

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Color

Yxy(49.3925, 0.3841, 0.3061)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FB5
RGB	255, 159, 181
RGB Percent	100%, 62%, 71%
CMY	0.0000, 0.3764, 0.2901
CMYK	0.00, 0.38, 0.29, 0.00
HSL	346°, 100%, 81%
HSV	346°, 38%, 100%
XYZ	61.9786, 49.3925, 49.9895
YIQ	190.2120, 50.1540, 27.1940

Conversions

Conversions Part 2

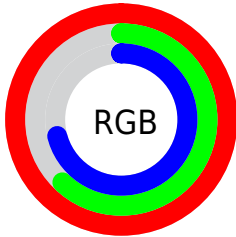
Format	Color
R_{YB}	255, 159, 181
Decimal	16752565
CIE _{Lab}	75.69, 38.35, 3.81
CIE _{LCh}	76, 38.534, 5.667
Yxy	49.3925, 0.3841, 0.3061
Android (android.graphics.Color)	4294942645 (0xFFFF9FB5)
YUV	190.2120, -4.5415, 56.8191
Hunter-Lab	70.2798, 34.4267, 7.0233

Details

The Yxy color **49.3925, 0.3841, 0.3061** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.7722, 0.2703, 0.3539**, and the grayscale version is **51.6280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9753, 0.3268, 0.3072**, and **23.6023, 0.4042, 0.2998** is the 20% darker color. If you saturate the color by 10%, you get **40.7597, 0.4138, 0.3003**, and if you desaturate by 10%, it is **59.9527, 0.3594, 0.3124**.

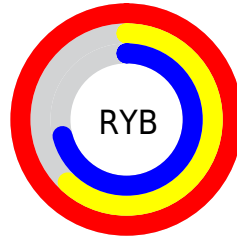
Distribution



Red (100%)

Green (62%)

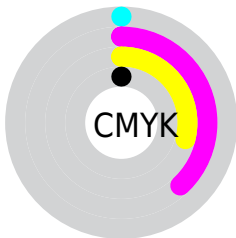
Blue (71%)



Red (100%)

Yellow (62%)

Blue (71%)

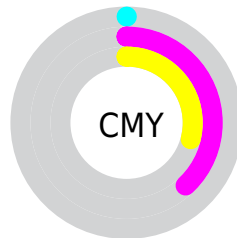


Cyan (0%)

Magenta (38%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3925, 0.3841, 0.3061 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 49.3925, 0.3841, 0.3061 by changing the saturation by 10% instead.

 49.3925, 0.3841,
0.3061

 49.3925, 0.3841,
0.3061


384.2855, 0.3486,
0.3178

 34.9309, 0.3929,
0.3031


 89.2741, 0.3713,
0.3104

 23.6097, 0.4040,
0.2993


 115.4630, 0.3664,
0.3120

 15.0443, 0.4188,
0.2941


146.3297, 0.3623,
0.3133

 8.8505, 0.4391,
0.2869

182.2587, 0.3588,
0.3145

 4.6438, 0.4687,
0.2760

223.6344, 0.3558,
0.3155

 2.0398, 0.5154,
0.2582

270.8412, 0.3531,

 0.6305, 0.6239,

0.3164

0.2256

324.2634, 0.3507,
0.3171

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.3925, 0.3841,
0.3061

49.3925, 0.3841,
0.3061

40.7597, 0.4138,
0.3003

59.9527, 0.3594,
0.3124

33.9303, 0.4487,
0.2958

72.5401, 0.3393,
0.3186

28.7773, 0.4876,
0.2935

87.2561, 0.3230,
0.3247

25.1537, 0.5282,
0.2945

99.9994, 0.3127,
0.3290

■ 22.8867, 0.5663,
0.2994

■ 21.7497, 0.5974,
0.3079

■ 21.5695, 0.6037,
0.3099

Harmonies

Analogous

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



49.3925, 0.3336, 0.2719



49.3925, 0.3841, 0.3061



49.3925, 0.4145, 0.3470

Triad

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



49.3925, 0.3841, 0.3061



49.3925, 0.3380, 0.4239



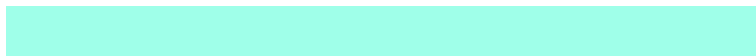
49.3925, 0.2196, 0.2612

Complementary

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



49.3925, 0.3841, 0.3061



84.7722, 0.2703, 0.3539

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.



49.3925, 0.2206, 0.2972



49.3925, 0.3841, 0.3061



49.3925, 0.2863, 0.3981

Square

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



49.3925, 0.3841, 0.3061



49.3925, 0.3853, 0.4173



49.3925, 0.2439, 0.3485



49.3925, 0.2405, 0.2459

Rectangle

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



49.3925, 0.3841, 0.3061



49.3925, 0.4179, 0.3744



49.3925, 0.2439, 0.3485



49.3925, 0.2174, 0.2710

Sweetspot

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



49.3949, 0.3841, 0.3061



82.0758, 0.3281, 0.3227



49.2748, 0.2988, 0.2303



17.1345, 0.3303, 0.3219



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.



49.3949, 0.3841, 0.3061



42.8630, 0.4055, 0.3018



58.2955, 0.3956, 0.3561



18.0553, 0.3258, 0.3236



11.2895, 0.5998, 0.3078



1.1150, 0.5689, 0.2908

Inverse Universe

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



49.3949, 0.3841, 0.3061



42.8630, 0.4055, 0.3018



70.8514, 0.2558, 0.2997



18.0553, 0.3258, 0.3236



11.2895, 0.5998, 0.3078



1.1150, 0.5689, 0.2908

Previews

White Background



This preview shows how the Yxy color 49.3925, 0.3841, 0.3061 looks on a white background.

Color Contrast Check

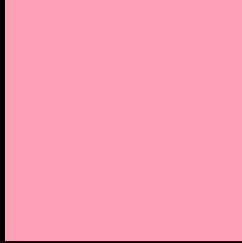
Large Text (above 18pt) WCAG AA × Fail

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 49.3925, 0.3841, 0.3061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

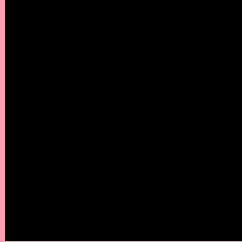
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3925, 0.3841, 0.3061

Background



This preview shows how black text looks on a background with the Yxy color 49.3925, 0.3841, 0.3061.



This preview shows how white text looks on a background with the Yxy color 49.3925, 0.3841, 0.3061.

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

49.3925, 0.3841, 0.3061

Protanopia

49.8404, 0.3060, 0.3152

Deuteranopia

49.7774, 0.3405, 0.3339



Tritanopia

49.1910, 0.3918, 0.3166

Trichromacy



Original Color

49.3925, 0.3841, 0.3061



Protanomaly

48.8093, 0.3320, 0.3112



Deuteranomaly

49.2702, 0.3566, 0.3233



Tritanomaly

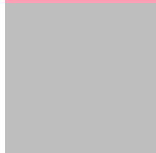
49.3076, 0.3889, 0.3134

Monochromacy



Original Color

49.3925, 0.3841, 0.3061



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

50.1242, 0.3368, 0.3196

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3925, 0.3841, 0.3061 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, 159, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 181)  
}
```

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, 159, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 181) }
```

Border

The CSS property to change the border of an element to Yxy 49.3925, 0.3841, 0.3061 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, 159, 181) }
```

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

```
.border{ border-color:rgb(255, 159, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3925, 0.3841, 0.3061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 181) }
```

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

```
.background{ background-color: rgb(255,  
159, 181) }
```

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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