

Converting Colors

$Y_{xy}(47.9481, 0.3921, 0.3097)$

Have a look what the booklet for
Yxy(47.9481, 0.3921, 0.3097)
contains.

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Color

Yxy(48.0929, 0.3921, 0.3103)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF9CAE |
| RGB | 255, 156, 174 |
| RGB Percent | 100%, 61%, 68% |
| CMY | 0.0000, 0.3882, 0.3176 |
| CMYK | 0.00, 0.39, 0.32, 0.00 |
| HSL | 349°, 100%, 81% |
| HSV | 349°, 39%, 100% |
| XYZ | 60.7710, 48.0929, 46.1245 |
| YIQ | 187.6530, 53.2260, 26.5860 |

Conversions

Conversions Part 2

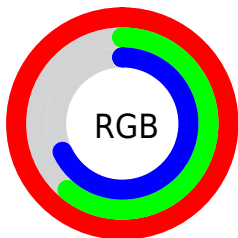
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 156, 174 |
| Decimal | 16751790 |
| CIE _{Lab} | 74.88, 39.01, 6.49 |
| CIE _{LCh} | 75, 39.544, 9.446 |
| Yxy | 48.0929, 0.3921, 0.3103 |
| Android (android.graphics.Color) | 4294941870 (0xFFFF9CAE) |
| YUV | 187.6530, -6.7309, 59.0633 |
| Hunter-Lab | 69.3490, 35.0597, 9.1101 |

Details

The Yxy color **48.0929, 0.3921, 0.3103** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.7025, 0.2670, 0.3493**, and the grayscale version is **50.0983, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0041, 0.3328, 0.3120**, and **22.8414, 0.4142, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **39.6635, 0.4246, 0.3059**, and if you desaturate by 10%, it is **58.4461, 0.3651, 0.3152**.

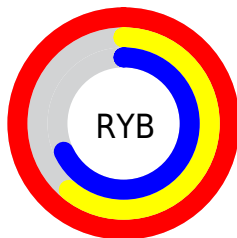
Distribution



Red (100%)

Green (61%)

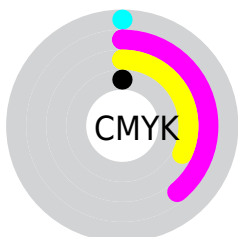
Blue (68%)



Red (100%)

Yellow (61%)

Blue (68%)

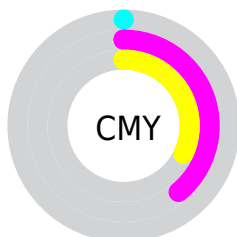


Cyan (0%)

Magenta (39%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0929, 0.3921, 0.3103 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 48.0929, 0.3921, 0.3103 by changing the saturation by 10% instead.


 48.0929, 0.3921,
0.3103


 48.0929, 0.3921,
0.3103


379.1602, 0.3524,
0.3202

 33.9005, 0.4020,
0.3077


 87.3427, 0.3777,
0.3140

 22.8171, 0.4146,
0.3042


 113.1689, 0.3723,
0.3154

 14.4585, 0.4313,
0.2994


143.6417, 0.3677,
0.3165

 8.4403, 0.4544,
0.2926

179.1457, 0.3638,
0.3175

 4.3779, 0.4883,
0.2820

220.0651, 0.3603,
0.3183

 1.8871, 0.5419,
0.2637

266.7844, 0.3574,

 0.5406, 0.7074,

0.3191

0.2342

319.6880, 0.3547,
0.3197

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.0929, 0.3921,
0.3103

48.0929, 0.3921,
0.3103

39.6635, 0.4246,
0.3059

58.4461, 0.3651,
0.3152

33.0369, 0.4624,
0.3027

70.8302, 0.3432,
0.3202

28.0814, 0.5042,
0.3015

85.3466, 0.3255,
0.3250

24.6460, 0.5466,
0.3032

100.0000, 0.3127,
0.3290

■ 22.5527, 0.5845,
0.3083

■ 21.5454, 0.6132,
0.3159

■ 21.4601, 0.6160,
0.3167

Harmonies

Analogous

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



48.0929, 0.3414, 0.2739



48.0929, 0.3921, 0.3103



48.0929, 0.4199, 0.3527

Triad

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



48.0929, 0.3921, 0.3103



48.0929, 0.3319, 0.4260



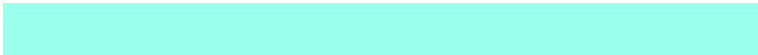
48.0929, 0.2181, 0.2557

Complementary

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



48.0929, 0.3921, 0.3103



84.7025, 0.2670, 0.3493

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.



48.0929, 0.2162, 0.2902



48.0929, 0.3921, 0.3103



48.0929, 0.2789, 0.3953

Square

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



48.0929, 0.3921, 0.3103



48.0929, 0.3822, 0.4228



48.0929, 0.2373, 0.3420



48.0929, 0.2424, 0.2427

Rectangle

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



48.0929, 0.3921, 0.3103



48.0929, 0.4205, 0.3807



48.0929, 0.2373, 0.3420



48.0929, 0.2149, 0.2649

Sweetspot

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



48.0935, 0.3921, 0.3103



80.4977, 0.3307, 0.3235



48.9762, 0.3023, 0.2284



16.8169, 0.3329, 0.3229



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.



48.0935, 0.3921, 0.3103



41.0622, 0.4182, 0.3066



59.3501, 0.3971, 0.3621



18.0410, 0.3266, 0.3247



11.2288, 0.6126, 0.3148



1.1072, 0.5837, 0.2989

Inverse Universe

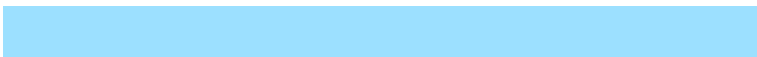
The Inverse Universe completely reimagines the original color for something new.



48.0935, 0.3921, 0.3103



41.0622, 0.4182, 0.3066



67.4117, 0.2533, 0.2927



18.0410, 0.3266, 0.3247



11.2288, 0.6126, 0.3148



1.1072, 0.5837, 0.2989

Previews

White Background



This preview shows how the Yxy color 48.0929, 0.3921, 0.3103 looks on a white background.

Color Contrast Check

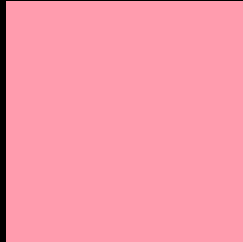
Large Text (above 18pt) WCAG AA × Fail

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 48.0929, 0.3921, 0.3103 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 48.0929, 0.3921, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 48.0929, 0.3921, 0.3103.



This preview shows how white text looks on a background with the Yxy color 48.0929, 0.3921, 0.3103.

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

48.0929, 0.3921, 0.3103

Protanopia

48.5635, 0.3106, 0.3214

Deuteranopia

48.1530, 0.3462, 0.3389



Tritanopia

48.0493, 0.3959, 0.3166

Trichromacy



Original Color

48.0929, 0.3921, 0.3103



Protanomaly

47.7298, 0.3384, 0.3170



Deuteranomaly

47.6973, 0.3629, 0.3280



Tritanomaly

48.1250, 0.3939, 0.3144

Monochromacy



Original Color

48.0929, 0.3921, 0.3103



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.4666, 0.3389, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0929, 0.3921, 0.3103 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, 156, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 174)  
}
```

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, 156, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 174) }
```

Border

The CSS property to change the border of an element to Yxy 48.0929, 0.3921, 0.3103 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, 156, 174) }
```

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

```
.border{ border-color:rgb(255, 156, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0929, 0.3921, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 174) }
```

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

```
.background{ background-color: rgb(255,  
156, 174) }
```

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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