

Converting Colors

$Yxy(48.6116, 0.3903, 0.3104)$

Have a look what the booklet for
Yxy(48.6116, 0.3903, 0.3104)
contains.

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Color

Yxy(48.4691, 0.3907, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	FF9DAF
RGB	255, 157, 175
RGB Percent	100%, 62%, 69%
CMY	0.0001, 0.3842, 0.3137
CMYK	0.00, 0.38, 0.31, 0.00
HSL	349°, 100%, 81%
HSV	349°, 38%, 100%
XYZ	61.0276, 48.4691, 46.7040
YIQ	188.3540, 52.6300, 26.3740

Conversions

Conversions Part 2

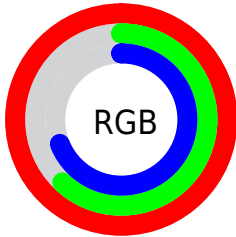
Format	Color
R _Y B	255, 157, 175
Decimal	16752047
CIE Lab	75.12, 38.59, 6.27
CIE LCh	75, 39.101, 9.229
Yxy	48.4691, 0.3907, 0.3103
Android (android.graphics.Color)	4294942127 (0xFFFF9DAF)
YUV	188.3540, -6.5835, 58.4485
Hunter-Lab	69.6198, 34.6359, 8.9595

Details

The Yxy color **48.4691, 0.3907, 0.3103** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.7839, 0.2675, 0.3492**, and the grayscale version is **50.5194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5617, 0.3319, 0.3120**, and **23.0665, 0.4123, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **39.9681, 0.4229, 0.3058**, and if you desaturate by 10%, it is **58.9009, 0.3640, 0.3153**.

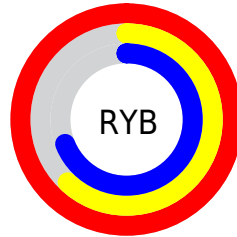
Distribution



Red (100%)

Green (62%)

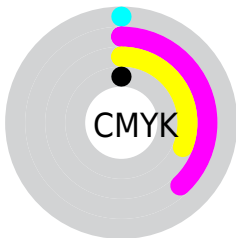
Blue (69%)



Red (100%)

Yellow (62%)

Blue (69%)

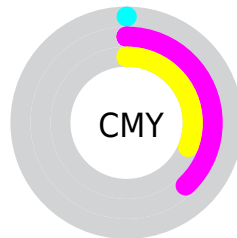


Cyan (0%)

Magenta (38%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (38%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4691, 0.3907, 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 48.4691, 0.3907, 0.3103 by changing the saturation by 10% instead.


 48.4691, 0.3907,
0.3103

 48.4691, 0.3907,
0.3103


380.6485, 0.3517,
0.3202

 34.1985, 0.4004,
0.3077


 87.9024, 0.3766,
0.3140

 23.0462, 0.4127,
0.3043


 113.8340, 0.3713,
0.3154

 14.6276, 0.4291,
0.2996

144.4213, 0.3668,
0.3165

 8.5584, 0.4517,
0.2928

180.0488, 0.3629,
0.3175

 4.4543, 0.4847,
0.2824

221.1009, 0.3596,
0.3183

 1.9308, 0.5370,
0.2646

267.9620, 0.3566,

 0.5668, 0.6896,

0.3190

0.2360

321.0164, 0.3540,
0.3196

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.4691, 0.3907,
0.3103

48.4691, 0.3907,
0.3103

39.9681, 0.4229,
0.3058

58.9009, 0.3640,
0.3153

33.2724, 0.4604,
0.3025

71.3650, 0.3423,
0.3203

28.2524, 0.5020,
0.3011

85.9640, 0.3248,
0.3252

24.7585, 0.5444,
0.3027

99.9942, 0.3127,
0.3290

■ 22.6138, 0.5826,
0.3077

■ 21.5734, 0.6117,
0.3153

■ 21.4582, 0.6155,
0.3164

Harmonies

Analogous

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



48.4691, 0.3406, 0.2744



48.4691, 0.3907, 0.3103



48.4691, 0.4184, 0.3522

Triad

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



48.4691, 0.3907, 0.3103



48.4691, 0.3321, 0.4247



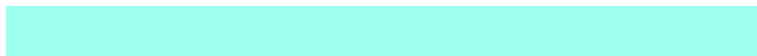
48.4691, 0.2192, 0.2569

Complementary

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



48.4691, 0.3907, 0.3103



84.7839, 0.2675, 0.3492

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.



48.4691, 0.2175, 0.2911



48.4691, 0.3907, 0.3103



48.4691, 0.2798, 0.3946

Square

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



48.4691, 0.3907, 0.3103



48.4691, 0.3817, 0.4214



48.4691, 0.2386, 0.3423



48.4691, 0.2430, 0.2438

Rectangle

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



48.4691, 0.3907, 0.3103



48.4691, 0.4191, 0.3799



48.4691, 0.2386, 0.3423



48.4691, 0.2161, 0.2660

Sweetspot

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



48.4715, 0.3907, 0.3103



80.5010, 0.3307, 0.3235



49.0664, 0.3011, 0.2291



16.8177, 0.3329, 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.



48.4715, 0.3907, 0.3103



41.8628, 0.4146, 0.3068



58.9786, 0.3966, 0.3600



18.0416, 0.3265, 0.3247



11.2310, 0.6121, 0.3146



1.1075, 0.5832, 0.2986

Inverse Universe

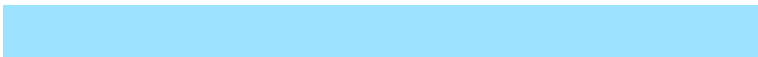
The Inverse Universe completely reimagines the original color for something new.



48.4715, 0.3907, 0.3103



41.8628, 0.4146, 0.3068



68.5558, 0.2541, 0.2951



18.0416, 0.3265, 0.3247



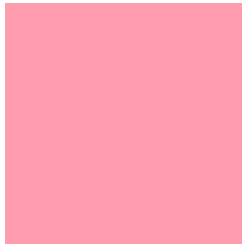
11.2310, 0.6121, 0.3146



1.1075, 0.5832, 0.2986

Previews

White Background



This preview shows how the Yxy color 48.4691, 0.3907, 0.3103 looks on a white background.

Color Contrast Check

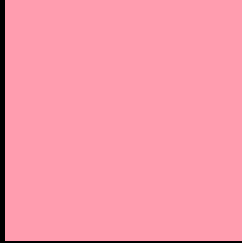
Large Text (above 18pt) WCAG AA × Fail

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 48.4691, 0.3907, 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 48.4691, 0.3907, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 48.4691, 0.3907, 0.3103.



This preview shows how white text looks on a background with the Yxy color 48.4691, 0.3907, 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

48.4691, 0.3907, 0.3103

Protanopia

48.5635, 0.3106, 0.3214

Deuteranopia

48.7358, 0.3460, 0.3389



Tritanopia

48.4268, 0.3945, 0.3166

Trichromacy



Original Color

48.4691, 0.3907, 0.3103



Protanomaly

47.7719, 0.3375, 0.3159



Deuteranomaly

48.2731, 0.3626, 0.3280



Tritanomaly

48.5031, 0.3925, 0.3144

Monochromacy



Original Color

48.4691, 0.3907, 0.3103



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.8602, 0.3387, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4691, 0.3907, 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, 157, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 175)  
}
```

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, 157, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 175) }
```

Border

The CSS property to change the border of an element to Yxy 48.4691, 0.3907, 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, 157, 175) }
```

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

```
.border{ border-color:rgb(255, 157, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4691, 0.3907, 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, 157, 175) }
```

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

```
.background{ background-color: rgb(255,  
157, 175) }
```

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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