

Converting Colors

Yxy(50.1714, 0.3822, 0.2968)

Have a look what the booklet for
Yxy(50.1714, 0.3822, 0.2968)
contains.

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Color

Yxy(49.0481, 0.3767, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	FF9DBD
RGB	255, 157, 189
RGB Percent	100%, 62%, 74%
CMY	0.0000, 0.3843, 0.2587
CMYK	0.00, 0.38, 0.26, 0.00
HSL	340°, 100%, 81%
HSV	340°, 38%, 100%
XYZ	62.4837, 49.0481, 54.3394
YIQ	189.9500, 48.1360, 30.7280

Conversions

Conversions Part 2

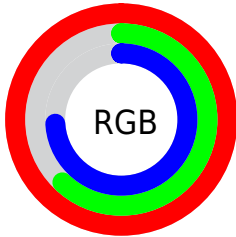
Format	Color
R _Y B	255, 157, 189
Decimal	16752061
CIE Lab	75.48, 40.44, -0.91
CIE LCh	75, 40.451, 358.705
Yxy	49.0481, 0.3767, 0.2957
Android (android.graphics.Color)	4294942141 (0xFFFF9DBD)
YUV	189.9500, -0.4683, 57.0489
Hunter-Lab	70.0343, 36.6951, 3.0212

Details

The Yxy color $49.0481, 0.3767, 0.2957$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $84.0101, 0.2742, 0.3658$, and the grayscale version is $51.4468, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.4411, 0.3214, 0.2975$, and $23.4140, 0.3937, 0.2866$ is the 20% darker color. If you saturate the color by 10%, you get $40.6015, 0.4025, 0.2874$, and if you desaturate by 10%, it is $59.3880, 0.3551, 0.3046$.

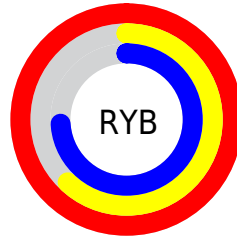
Distribution



Red (100%)

Green (62%)

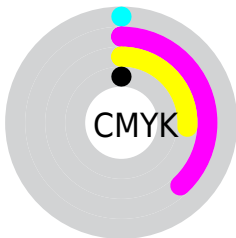
Blue (74%)



Red (100%)

Yellow (62%)

Blue (74%)

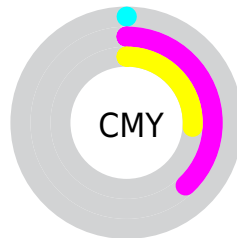


Cyan (0%)

Magenta (38%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.0481, 0.3767, 0.2957 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 49.0481, 0.3767, 0.2957 by changing the saturation by 10% instead.

 49.0481, 0.3767,
0.2957


 49.0481, 0.3767,
0.2957


382.9316, 0.3451,
0.3121

 34.6576, 0.3845,
0.2917

 88.7629, 0.3653,
0.3016

 23.3993, 0.3944,
0.2866

 114.8560, 0.3610,
0.3038

 14.8886, 0.4074,
0.2799


145.6188, 0.3573,
0.3057

 8.7412, 0.4252,
0.2708

181.4356, 0.3542,
0.3074

 4.5728, 0.4512,
0.2575

222.6910, 0.3515,
0.3088

 1.9989, 0.4922,
0.2368

269.7691, 0.3491,

 0.6068, 0.5735,

0.3100

0.1944

323.0546, 0.3470,
0.3111

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.0481, 0.3767,
0.2957

49.0481, 0.3767,
0.2957

40.6015, 0.4025,
0.2874

59.3880, 0.3551,
0.3046

33.9252, 0.4325,
0.2806

71.7201, 0.3374,
0.3136

28.8926, 0.4661,
0.2766

86.1450, 0.3228,
0.3222

25.3574, 0.5016,
0.2764

99.9988, 0.3127,
0.3290

■ 23.1464, 0.5363,
0.2812

■ 22.0186, 0.5669,
0.2905

■ 21.8889, 0.5714,
0.2921

Harmonies

Analogous

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



49.0481, 0.3212, 0.2626



49.0481, 0.3767, 0.2957



49.0481, 0.4151, 0.3373

Triad

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



49.0481, 0.3767, 0.2957



49.0481, 0.3515, 0.4303



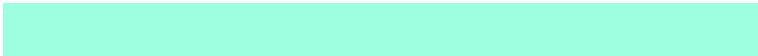
49.0481, 0.2134, 0.2646

Complementary

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



49.0481, 0.3767, 0.2957



84.0101, 0.2742, 0.3658

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.



49.0481, 0.2198, 0.3068



49.0481, 0.3767, 0.2957



49.0481, 0.2969, 0.4114

Square

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



49.0481, 0.3767, 0.2957



49.0481, 0.3980, 0.4158



49.0481, 0.2492, 0.3627



49.0481, 0.2300, 0.2437

Rectangle

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



49.0481, 0.3767, 0.2957



49.0481, 0.4238, 0.3663



49.0481, 0.2492, 0.3627



49.0481, 0.2129, 0.2764

Sweetspot

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



49.0505, 0.3767, 0.2957



80.7503, 0.3277, 0.3191



46.9174, 0.2904, 0.2259



16.8760, 0.3295, 0.3180



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.



49.0505, 0.3767, 0.2957



42.4874, 0.3958, 0.2893



53.7099, 0.4021, 0.3465



18.0850, 0.3243, 0.3213



11.4624, 0.5671, 0.2898



1.1352, 0.5352, 0.2722

Inverse Universe

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



49.0505, 0.3767, 0.2957



42.4874, 0.3958, 0.2893



75.9237, 0.2564, 0.3104



18.0850, 0.3243, 0.3213



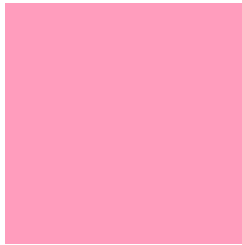
11.4624, 0.5671, 0.2898



1.1352, 0.5352, 0.2722

Previews

White Background



This preview shows how the Yxy color 49.0481, 0.3767, 0.2957 looks on a white background.

Color Contrast Check

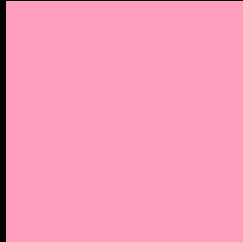
Large Text (above 18pt) WCAG AA × Fail

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 49.0481, 0.3767, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

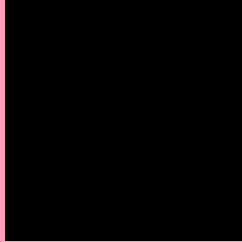
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.0481, 0.3767, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 49.0481, 0.3767, 0.2957.



This preview shows how white text looks on a background with the Yxy color 49.0481, 0.3767, 0.2957.

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

49.0481, 0.3767, 0.2957

Protanopia

49.3445, 0.2961, 0.3028

Deuteranopia

49.1244, 0.3304, 0.3229



Tritanopia

49.0028, 0.3909, 0.3165

Trichromacy



Original Color

49.0481, 0.3767, 0.2957



Protanomaly

48.5317, 0.3228, 0.2994



Deuteranomaly

48.7382, 0.3469, 0.3128



Tritanomaly

49.0815, 0.3862, 0.3092

Monochromacy



Original Color

49.0481, 0.3767, 0.2957



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

49.8546, 0.3344, 0.3148

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.0481, 0.3767, 0.2957 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 189) }
```

Border

The CSS property to change the border of an element to Yxy 49.0481, 0.3767, 0.2957 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, 189) }
```

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

```
.border{ border-color:rgb(255, 157, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 157, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 157, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 157,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 49.0481, 0.3767, 0.2957 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
157, 189) }
```

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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