

Converting Colors

$Y_{xy}(48.0151, 0.3825, 0.2980)$

Have a look what the booklet for
Yxy(48.0151, 0.3825, 0.2980)
contains.

Yxy(47.8319, 0.3826, 0.2978)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.8319, 0.3826, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	FF9AB8
RGB	255, 154, 184
RGB Percent	100%, 60%, 72%
CMY	0.0000, 0.3961, 0.2785
CMYK	0.00, 0.40, 0.28, 0.00
HSL	342°, 100%, 80%
HSV	342°, 40%, 100%
XYZ	61.4523, 47.8319, 51.3334
YIQ	187.6190, 50.5660, 30.7420

Conversions

Conversions Part 2

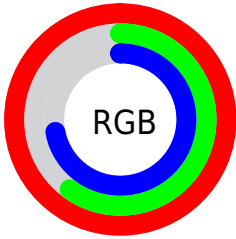
Format	Color
R _Y B	255, 154, 184
Decimal	16751288
CIE Lab	74.72, 41.32, 0.75
CIE LCh	75, 41.329, 1.042
Yxy	47.8319, 0.3826, 0.2978
Android (android.graphics.Color)	4294941368 (0xFFFF9AB8)
YUV	187.6190, -1.7842, 59.0931
Hunter-Lab	69.1606, 37.5741, 4.4054

Details

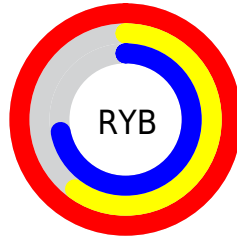
The Yxy color **47.8319, 0.3826, 0.2978** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.8263, 0.2718, 0.3635**, and the grayscale version is **50.0476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6445, 0.3251, 0.2993**, and **22.6818, 0.4020, 0.2894** is the 20% darker color. If you saturate the color by 10%, you get **39.5833, 0.4102, 0.2904**, and if you desaturate by 10%, it is **57.9595, 0.3594, 0.3059**.

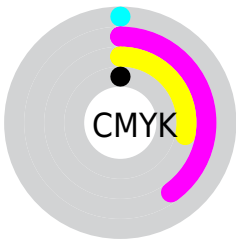
Distribution



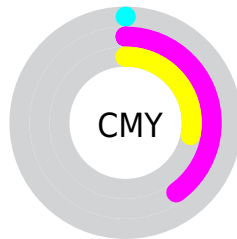
- Red (100%)
- Green (60%)
- Blue (72%)



- Red (100%)
- Yellow (60%)
- Blue (72%)



- Cyan (0%)
- Magenta (40%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8319, 0.3826, 0.2978 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 47.8319, 0.3826, 0.2978 by changing the saturation by 10% instead.


 47.8319, 0.3826,
0.2978


 47.8319, 0.3826,
0.2978


378.1254, 0.3478,
0.3134

 33.6938, 0.3912,
0.2939


 86.9541, 0.3700,
0.3035

 22.6585, 0.4022,
0.2890


 112.7069, 0.3653,
0.3056

 14.3415, 0.4167,
0.2824


143.1001, 0.3613,
0.3074

 8.3586, 0.4367,
0.2733

178.5181, 0.3578,
0.3089

 4.3252, 0.4659,
0.2600

219.3452, 0.3548,
0.3103

 1.8571, 0.5124,
0.2387

265.9659, 0.3522,

 0.5224, 0.6200,

0.3114

0.1911

318.7645, 0.3499,
0.3125

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.8319, 0.3826,
0.2978

47.8319, 0.3826,
0.2978

39.5833, 0.4102,
0.2904

57.9595, 0.3594,
0.3059

33.1019, 0.4424,
0.2846

70.0796, 0.3404,
0.3140

28.2545, 0.4781,
0.2816

84.2895, 0.3249,
0.3219

24.8916, 0.5153,
0.2825

100.0000, 0.3127,
0.3290

■ 22.8353, 0.5507,
0.2881

■ 21.8092, 0.5811,
0.2977

■ 21.7779, 0.5822,
0.2981

Harmonies

Analogous

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



47.8319, 0.3260, 0.2630



47.8319, 0.3826, 0.2978



47.8319, 0.4201, 0.3408

Triad

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



47.8319, 0.3826, 0.2978



47.8319, 0.3482, 0.4334



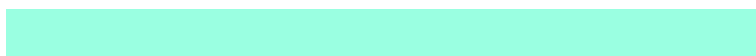
47.8319, 0.2112, 0.2601

Complementary

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



47.8319, 0.3826, 0.2978



83.8263, 0.2718, 0.3635

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.



47.8319, 0.2158, 0.3019



47.8319, 0.3826, 0.2978



47.8319, 0.2920, 0.4111

Square

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



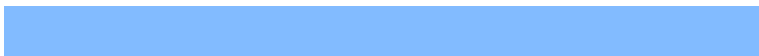
47.8319, 0.3826, 0.2978



47.8319, 0.3973, 0.4204



47.8319, 0.2442, 0.3591



47.8319, 0.2300, 0.2406

Rectangle

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



47.8319, 0.3826, 0.2978



47.8319, 0.4271, 0.3705



47.8319, 0.2442, 0.3591



47.8319, 0.2101, 0.2717

Sweetspot

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



47.8299, 0.3826, 0.2978



80.6976, 0.3283, 0.3200



46.2889, 0.2923, 0.2234



16.8637, 0.3302, 0.3190



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.



47.8299, 0.3826, 0.2978



40.7882, 0.4055, 0.2915



53.9410, 0.4045, 0.3505



18.0758, 0.3247, 0.3220



11.4021, 0.5779, 0.2957



1.1284, 0.5459, 0.2781

Inverse Universe

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



47.8299, 0.3826, 0.2978



40.7882, 0.4055, 0.2915



73.3913, 0.2543, 0.3058



18.0758, 0.3247, 0.3220



11.4021, 0.5779, 0.2957



1.1284, 0.5459, 0.2781

Previews

White Background



This preview shows how the Yxy color 47.8319, 0.3826, 0.2978 looks on a white background.

Color Contrast Check

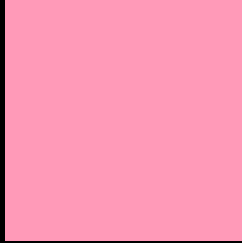
Large Text (above 18pt) WCAG AA × Fail

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 47.8319, 0.3826, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

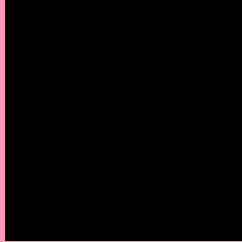
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.8319, 0.3826, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 47.8319, 0.3826, 0.2978.



This preview shows how white text looks on a background with the Yxy color 47.8319, 0.3826, 0.2978.

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

47.8319, 0.3826, 0.2978

Protanopia

48.1513, 0.2990, 0.3062

Deuteranopia

47.9734, 0.3340, 0.3266



Tritanopia

47.8237, 0.3960, 0.3176

Trichromacy



Original Color

47.8319, 0.3826, 0.2978



Protanomaly

47.0005, 0.3264, 0.3014



Deuteranomaly

47.4001, 0.3520, 0.3151



Tritanomaly

47.9038, 0.3912, 0.3102

Monochromacy



Original Color

47.8319, 0.3826, 0.2978



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.6356, 0.3355, 0.3159

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8319, 0.3826, 0.2978 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, 154, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 184)  
}
```

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, 154, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 184) }
```

Border

The CSS property to change the border of an element to Yxy 47.8319, 0.3826, 0.2978 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, 154, 184) }
```

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

```
.border{ border-color:rgb(255, 154, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8319, 0.3826, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 184) }
```

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

```
.background{ background-color: rgb(255,  
154, 184) }
```

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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