

Converting Colors

$Y_{xy}(47.8823, 0.3864, 0.3077)$

Have a look what the booklet for
Yxy(47.8823, 0.3864, 0.3077)
contains.

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Color

Yxy(47.9837, 0.3860, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	FC9DB1
RGB	252, 157, 177
RGB Percent	99%, 62%, 69%
CMY	0.0118, 0.3843, 0.3060
CMYK	0.00, 0.38, 0.30, 0.01
HSL	347°, 94%, 80%
HSV	347°, 38%, 99%
XYZ	60.1354, 47.9837, 47.6721
YIQ	187.6850, 50.2000, 26.3600

Conversions

Conversions Part 2

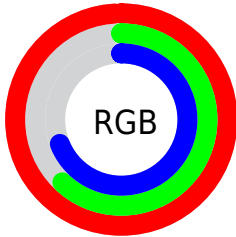
Format	Color
R _Y B	252, 157, 177
Decimal	16555441
CIE Lab	74.81, 37.80, 4.71
CIE LCh	75, 38.090, 7.102
Yxy	47.9837, 0.3860, 0.3080
Android (android.graphics.Color)	4294745521 (0xFFFC9DB1)
YUV	187.6850, -5.2677, 56.4043
Hunter-Lab	69.2703, 33.7378, 7.6855

Details

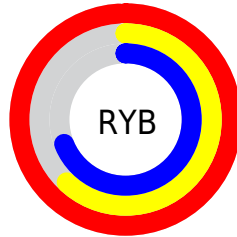
The Yxy color **47.9837, 0.3860, 0.3080** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.6186, 0.2694, 0.3517**, and the grayscale version is **50.1113, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7317, 0.3298, 0.3091**, and **22.7188, 0.4057, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **39.5832, 0.4166, 0.3028**, and if you desaturate by 10%, it is **58.2630, 0.3607, 0.3137**.

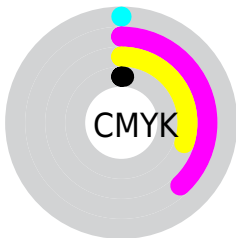
Distribution



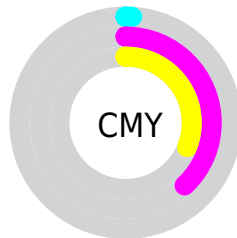
- Red (99%)
- Green (62%)
- Blue (69%)



- Red (99%)
- Yellow (62%)
- Blue (69%)



- Cyan (0%)
- Magenta (38%)
- Yellow (30%)
- Black (1%)



- Cyan (1%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9837, 0.3860, 0.3080 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 47.9837, 0.3860, 0.3080 by changing the saturation by 10% instead.

 47.9837, 0.3860,
0.3080

 47.9837, 0.3860,
0.3080


378.7275, 0.3494,
0.3189

 33.8140, 0.3951,
0.3052


 87.1801, 0.3727,
0.3120

 22.7507, 0.4068,
0.3015


 112.9756, 0.3677,
0.3135

 14.4096, 0.4222,
0.2965


143.4152, 0.3635,
0.3148

 8.4061, 0.4435,
0.2894

178.8832, 0.3599,
0.3159

 4.3559, 0.4749,
0.2787

219.7640, 0.3567,
0.3168

 1.8746, 0.5248,
0.2605

266.4421, 0.3540,

 0.5330, 0.6679,

0.3176

0.2258

319.3018, 0.3515,
0.3183

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.9837, 0.3860,
0.3080

47.9837, 0.3860,
0.3080

39.5832, 0.4166,
0.3028

58.2630, 0.3607,
0.3137

32.9406, 0.4524,
0.2987

70.5184, 0.3400,
0.3195

27.9319, 0.4923,
0.2967

84.8488, 0.3233,
0.3250

24.4140, 0.5337,
0.2979

99.4355, 0.3109,
0.3290

■ 22.2182, 0.5722,
0.3027

■ 21.1225, 0.6029,
0.3109

■ 20.9522, 0.6088,
0.3127

Harmonies

Analogous

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



47.9837, 0.3362, 0.2734



47.9837, 0.3860, 0.3080



47.9837, 0.4150, 0.3489

Triad

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



47.9837, 0.3860, 0.3080



47.9837, 0.3355, 0.4232



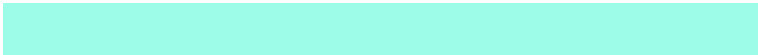
47.9837, 0.2202, 0.2602

Complementary

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



47.9837, 0.3860, 0.3080



82.6186, 0.2694, 0.3517

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.



47.9837, 0.2202, 0.2952



47.9837, 0.3860, 0.3080



47.9837, 0.2840, 0.3960

Square

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



47.9837, 0.3860, 0.3080



47.9837, 0.3832, 0.4181



47.9837, 0.2424, 0.3459



47.9837, 0.2422, 0.2458

Rectangle

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



47.9837, 0.3860, 0.3080



47.9837, 0.4174, 0.3762



47.9837, 0.2424, 0.3459



47.9837, 0.2177, 0.2696

Sweetspot

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



47.9860, 0.3860, 0.3080



82.0451, 0.3285, 0.3232



48.2043, 0.3001, 0.2306



17.1273, 0.3307, 0.3225



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.



47.9860, 0.3860, 0.3080



42.7828, 0.4079, 0.3041



57.3795, 0.3951, 0.3578



17.2849, 0.3261, 0.3240



10.9314, 0.6051, 0.3107



1.0272, 0.5732, 0.2931

Inverse Universe

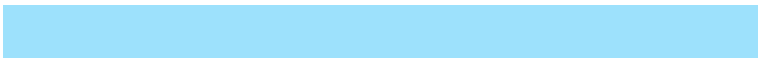
The Inverse Universe completely reimagines the original color for something new.



47.9860, 0.3860, 0.3080



42.7828, 0.4079, 0.3041



68.0946, 0.2555, 0.2978



17.2849, 0.3261, 0.3240



10.9314, 0.6051, 0.3107



1.0272, 0.5732, 0.2931

Previews

White Background



This preview shows how the Yxy color 47.9837, 0.3860, 0.3080 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 47.9837, 0.3860, 0.3080 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 47.9837, 0.3860, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 47.9837, 0.3860, 0.3080.



This preview shows how white text looks on a background with the Yxy color 47.9837, 0.3860, 0.3080.

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

47.9837, 0.3860, 0.3080

Protanopia

48.5259, 0.3082, 0.3188

Deuteranopia

48.1233, 0.3427, 0.3352



Tritanopia

47.8652, 0.3918, 0.3164

Trichromacy



Original Color

47.9837, 0.3860, 0.3080



Protanomaly

47.5616, 0.3340, 0.3134



Deuteranomaly

47.4934, 0.3583, 0.3244



Tritanomaly

47.9801, 0.3888, 0.3132

Monochromacy



Original Color

47.9837, 0.3860, 0.3080



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.7539, 0.3370, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9837, 0.3860, 0.3080 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(252, 157, 177)` looks like.

```
.text, #text, p{  
    color:rgb(252, 157, 177)  
}
```

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(252, 157, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 157, 177) }
```

Border

The CSS property to change the border of an element to Yxy 47.9837, 0.3860, 0.3080 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(252, 157, 177) }
```

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

```
.border{ border-color:rgb(252, 157, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 157, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 157, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 157, 177);  
box-shadow:4px 4px 4px 4px rgb(252, 157,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9837, 0.3860, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 157, 177) }
```

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

```
.background{ background-color: rgb(252,  
157, 177) }
```

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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