

Converting Colors

Yxy(47.9167, 0.3888, 0.3047)

Have a look what the booklet for
Yxy(47.9167, 0.3888, 0.3047)
contains.

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Color

Yxy(47.9170, 0.3883, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	FF9BB2
RGB	255, 155, 178
RGB Percent	100%, 61%, 70%
CMY	0.0002, 0.3920, 0.3020
CMYK	0.00, 0.39, 0.30, 0.00
HSL	346°, 100%, 80%
HSV	346°, 39%, 100%
XYZ	60.9838, 47.9170, 48.1526
YIQ	187.5220, 52.2170, 28.3530

Conversions

Conversions Part 2

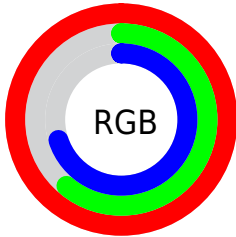
Format	Color
R _Y B	255, 155, 178
Decimal	16751538
CIE Lab	74.77, 39.99, 4.13
CIE LCh	75, 40.201, 5.894
Yxy	47.9170, 0.3883, 0.3051
Android (android.graphics.Color)	4294941618 (0xFFFF9BB2)
YUV	187.5220, -4.6943, 59.1782
Hunter-Lab	69.2221, 36.1177, 7.2119

Details

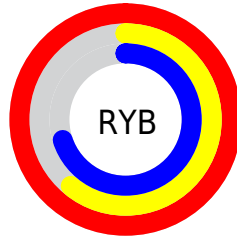
The Yxy color **47.9170, 0.3883, 0.3051** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.2870, 0.2689, 0.3551**, and the grayscale version is **50.0117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7890, 0.3293, 0.3061**, and **22.7192, 0.4103, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **39.5750, 0.4188, 0.2995**, and if you desaturate by 10%, it is **58.1680, 0.3629, 0.3113**.

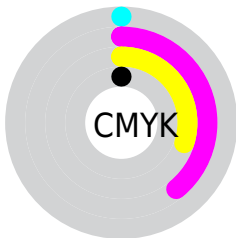
Distribution



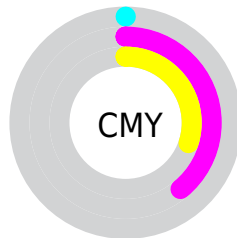
- Red (100%)
- Green (61%)
- Blue (70%)



- Red (100%)
- Yellow (61%)
- Blue (70%)



- Cyan (0%)
- Magenta (39%)
- Yellow (30%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9170, 0.3883, 0.3051 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 47.9170, 0.3883, 0.3051 by changing the saturation by 10% instead.


 47.9170, 0.3883,
0.3051

 47.9170, 0.3883,
0.3051

378.4630, 0.3506,
0.3174

 33.7612, 0.3977,
0.3019


 87.0808, 0.3746,
0.3096

 22.7102, 0.4097,
0.2978


 112.8576, 0.3695,
0.3113

 14.3797, 0.4255,
0.2923

143.2768, 0.3651,
0.3127

 8.3852, 0.4474,
0.2845

178.7228, 0.3614,
0.3139

 4.3424, 0.4796,
0.2728

219.5800, 0.3581,
0.3150

 1.8669, 0.5306,
0.2532

266.2329, 0.3553,

 0.5284, 0.6697,

0.3159

0.2141

319.0658, 0.3528,
0.3167

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.9170, 0.3883,
0.3051

47.9170, 0.3883,
0.3051

39.5750, 0.4188,
0.2995

58.1680, 0.3629,
0.3113

33.0165, 0.4543,
0.2952

70.4293, 0.3421,
0.3177

28.1121, 0.4937,
0.2933

84.8032, 0.3253,
0.3237

24.7116, 0.5342,
0.2948

99.9909, 0.3127,
0.3290

■ 22.6372, 0.5715,
0.3004

■ 21.6239, 0.6014,
0.3091

■ 21.5625, 0.6035,
0.3098

Harmonies

Analogous

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



47.9170, 0.3350, 0.2694



47.9170, 0.3883, 0.3051



47.9170, 0.4202, 0.3478

Triad

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



47.9170, 0.3883, 0.3051



47.9170, 0.3386, 0.4293



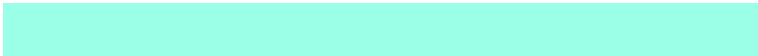
47.9170, 0.2152, 0.2575

Complementary

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



47.9170, 0.3883, 0.3051



84.2870, 0.2689, 0.3551

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.



47.9170, 0.2160, 0.2949



47.9170, 0.3883, 0.3051



47.9170, 0.2843, 0.4019

Square

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



47.9170, 0.3883, 0.3051



47.9170, 0.3885, 0.4219



47.9170, 0.2401, 0.3490



47.9170, 0.2372, 0.2418

Rectangle

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



47.9170, 0.3883, 0.3051



47.9170, 0.4234, 0.3765



47.9170, 0.2401, 0.3490



47.9170, 0.2128, 0.2676

Sweetspot

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



47.9193, 0.3883, 0.3051



80.5806, 0.3297, 0.3221



47.7663, 0.2980, 0.2262



16.8363, 0.3318, 0.3213



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.



47.9193, 0.3883, 0.3051



41.2632, 0.4117, 0.3006



56.9432, 0.4003, 0.3572



18.0555, 0.3258, 0.3236



11.2903, 0.5997, 0.3077



1.1151, 0.5688, 0.2907

Inverse Universe

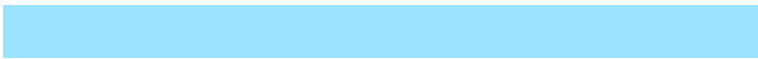
The Inverse Universe completely reimagines the original color for something new.



47.9193, 0.3883, 0.3051



41.2632, 0.4117, 0.3006



69.8450, 0.2537, 0.2983



18.0555, 0.3258, 0.3236



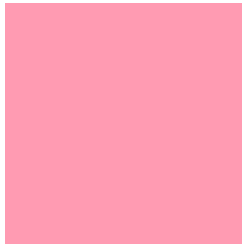
11.2903, 0.5997, 0.3077



1.1151, 0.5688, 0.2907

Previews

White Background



This preview shows how the Yxy color 47.9170, 0.3883, 0.3051 looks on a white background.

Color Contrast Check

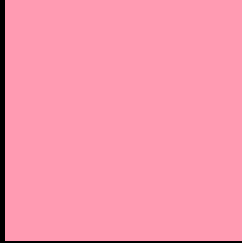
Large Text (above 18pt) WCAG AA × Fail

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 47.9170, 0.3883, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

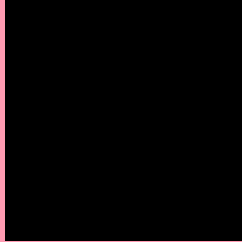
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9170, 0.3883, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 47.9170, 0.3883, 0.3051.



This preview shows how white text looks on a background with the Yxy color 47.9170, 0.3883, 0.3051.

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

47.9170, 0.3883, 0.3051

Protanopia

48.0763, 0.3059, 0.3150

Deuteranopia

48.0186, 0.3409, 0.3340



Tritanopia

48.0119, 0.3969, 0.3176

Trichromacy



Original Color

47.9170, 0.3883, 0.3051



Protanomaly

47.2196, 0.3332, 0.3110



Deuteranomaly

47.6919, 0.3583, 0.3233



Tritanomaly

47.8263, 0.3932, 0.3123

Monochromacy



Original Color

47.9170, 0.3883, 0.3051



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.5084, 0.3380, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9170, 0.3883, 0.3051 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, 155, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 178)  
}
```

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, 155, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 178) }
```

Border

The CSS property to change the border of an element to Yxy 47.9170, 0.3883, 0.3051 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, 155, 178) }
```

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

```
.border{ border-color:rgb(255, 155, 178) }
```

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

Here you see how a box with a 4 pixel rgb(255, 155, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9170, 0.3883, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 178) }
```

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

```
.background{ background-color: rgb(255,  
155, 178) }
```

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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