

Converting Colors

$Yxy(49.5866, 0.3801, 0.3127)$

Have a look what the booklet for
Yxy(49.5866, 0.3801, 0.3127)
contains.

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Color

Yxy(49.5485, 0.3804, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	F9A3B2
RGB	249, 163, 178
RGB Percent	98%, 64%, 70%
CMY	0.0235, 0.3608, 0.3020
CMYK	0.00, 0.35, 0.29, 0.02
HSL	350°, 88%, 81%
HSV	350°, 35%, 98%
XYZ	60.1988, 49.5485, 48.5040
YIQ	190.4240, 46.4410, 22.8970

Conversions

Conversions Part 2

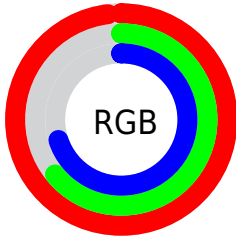
Format	Color
R _Y B	249, 163, 178
Decimal	16360370
CIE Lab	75.79, 33.74, 5.52
CIE LCh	76, 34.187, 9.284
Yxy	49.5485, 0.3804, 0.3131
Android (android.graphics.Color)	4294550450 (0xFFFF9A3B2)
YUV	190.4240, -6.1250, 51.3712
Hunter-Lab	70.3907, 29.4712, 8.4186

Details

The Yxy color **49.5485, 0.3804, 0.3131** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.4800, 0.2710, 0.3459**, and the grayscale version is **51.7669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8635, 0.3285, 0.3141**, and **23.7089, 0.4004, 0.3086** is the 20% darker color. If you saturate the color by 10%, you get **40.7966, 0.4107, 0.3086**, and if you desaturate by 10%, it is **60.1696, 0.3555, 0.3179**.

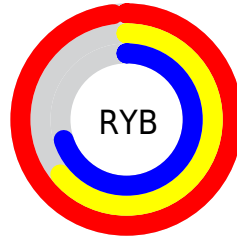
Distribution



Red (98%)

Green (64%)

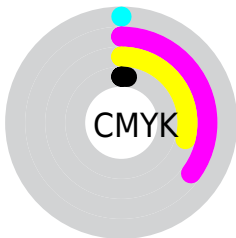
Blue (70%)



Red (98%)

Yellow (64%)

Blue (70%)

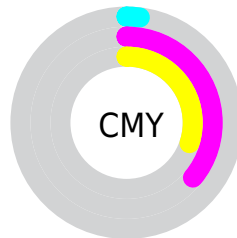


Cyan (0%)

Magenta (35%)

Yellow (29%)

Black (2%)



Cyan (2%)


Magenta (36%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5485, 0.3804, 0.3131 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 49.5485, 0.3804, 0.3131 by changing the saturation by 10% instead.


 49.5485, 0.3804,
0.3131

 49.5485, 0.3804,
0.3131


384.8977, 0.3467,
0.3214

 35.0548, 0.3887,
0.3109


 89.5056, 0.3682,
0.3162

 23.7051, 0.3994,
0.3081


 115.7377, 0.3636,
0.3174

 15.1150, 0.4135,
0.3042


146.6514, 0.3597,
0.3183

 8.9001, 0.4329,
0.2986


182.6311, 0.3564,
0.3191

 4.6761, 0.4613,
0.2900

224.0612, 0.3535,
0.3198

 2.0585, 0.5065,
0.2754

271.3260, 0.3509,

 0.6411, 0.6239,

0.3204

0.2528

324.8101, 0.3487,
0.3210

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.5485, 0.3804,
0.3131

49.5485, 0.3804,
0.3131

40.7966, 0.4107,
0.3086

60.1696, 0.3555,
0.3179

33.7987, 0.4466,
0.3050

72.7521, 0.3353,
0.3226

28.4378, 0.4873,
0.3029

87.3909, 0.3190,
0.3271

24.5798, 0.5303,
0.3033

98.8796, 0.3090,
0.3290

■ 22.0691, 0.5709,
0.3069

■ 20.7155, 0.6038,
0.3135

■ 20.3169, 0.6175,
0.3175

Harmonies

Analogous

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



49.5485, 0.3373, 0.2811



49.5485, 0.3804, 0.3131



49.5485, 0.4043, 0.3503

Triad

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



49.5485, 0.3804, 0.3131



49.5485, 0.3302, 0.4112



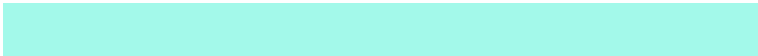
49.5485, 0.2305, 0.2662

Complementary

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



49.5485, 0.3804, 0.3131



81.4800, 0.2710, 0.3459

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.



49.5485, 0.2290, 0.2966



49.5485, 0.3804, 0.3131



49.5485, 0.2843, 0.3852

Square

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



49.5485, 0.3804, 0.3131



49.5485, 0.3732, 0.4096



49.5485, 0.2479, 0.3408



49.5485, 0.2518, 0.2541

Rectangle

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



49.5485, 0.3804, 0.3131



49.5485, 0.4052, 0.3746



49.5485, 0.2479, 0.3408



49.5485, 0.2277, 0.2743

Sweetspot

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



49.5509, 0.3804, 0.3131



83.5129, 0.3275, 0.3247



50.4000, 0.3038, 0.2397



17.4178, 0.3298, 0.3240



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.



49.5509, 0.3804, 0.3131



46.0686, 0.3995, 0.3101



59.7147, 0.3849, 0.3583



17.2746, 0.3266, 0.3249



10.8896, 0.6142, 0.3157



1.0218, 0.5842, 0.2992

Inverse Universe

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



49.5509, 0.3804, 0.3131



46.0686, 0.3995, 0.3101



66.7468, 0.2596, 0.2974



17.2746, 0.3266, 0.3249



10.8896, 0.6142, 0.3157



1.0218, 0.5842, 0.2992

Previews

White Background



This preview shows how the Yxy color 49.5485, 0.3804, 0.3131 looks on a white background.

Color Contrast Check

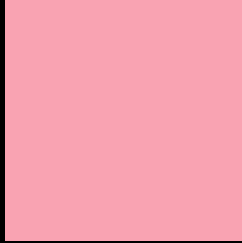
Large Text (above 18pt) WCAG AA × Fail

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 49.5485, 0.3804, 0.3131 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 49.5485, 0.3804, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 49.5485, 0.3804, 0.3131.



This preview shows how white text looks on a background with the Yxy color 49.5485, 0.3804, 0.3131.

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

49.5485, 0.3804, 0.3131

Protanopia

49.6982, 0.3114, 0.3227

Deuteranopia

49.8445, 0.3431, 0.3364



Tritanopia

49.4687, 0.3823, 0.3152

Trichromacy



Original Color

49.5485, 0.3804, 0.3131

Protanomaly

49.2348, 0.3351, 0.3195

Deuteranomaly

49.2540, 0.3564, 0.3268

Tritanomaly

49.5084, 0.3814, 0.3142

Monochromacy



Original Color

49.5485, 0.3804, 0.3131

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.0366, 0.3348, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5485, 0.3804, 0.3131 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(249, 163, 178)` looks like.

```
.text, #text, p{  
    color:rgb(249, 163, 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(249, 163, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 163, 178) }
```

Border

The CSS property to change the border of an element to Yxy 49.5485, 0.3804, 0.3131 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(249, 163, 178) }
```

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

```
.border{ border-color:rgb(249, 163, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 163, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 163, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 163, 178);  
box-shadow:4px 4px 4px 4px rgb(249, 163,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5485, 0.3804, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 163, 178) }
```

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

```
.background{ background-color: rgb(249,  
163, 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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