

Converting Colors

$Yxy(49.3835, 0.3833, 0.3206)$

Have a look what the booklet for
Yxy(49.3835, 0.3833, 0.3206)
contains.

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Color

Yxy(49.3036, 0.3841, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	F7A4AC
RGB	247, 164, 172
RGB Percent	97%, 64%, 67%
CMY	0.0313, 0.3569, 0.3254
CMYK	0.00, 0.34, 0.30, 0.03
HSL	354°, 84%, 81%
HSV	354°, 34%, 97%
XYZ	59.0874, 49.3036, 45.4424
YIQ	189.7290, 46.9000, 20.0840

Conversions

Conversions Part 2

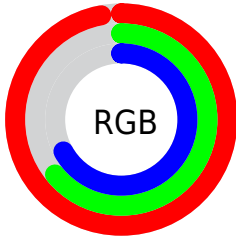
Format	Color
R _Y B	247, 164, 172
Decimal	16229548
CIE Lab	75.64, 31.73, 8.54
CIE LCh	76, 32.862, 15.059
Yxy	49.3036, 0.3841, 0.3205
Android (android.graphics.Color)	4294419628 (0xFFF7A4AC)
YUV	189.7290, -8.7404, 50.2267
Hunter-Lab	70.2165, 27.3293, 10.7806

Details

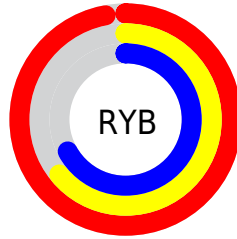
The Yxy color **49.3036, 0.3841, 0.3205** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.6595, 0.2688, 0.3380**, and the grayscale version is **51.3616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9925, 0.3332, 0.3221**, and **23.5438, 0.4044, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **40.5204, 0.4170, 0.3181**, and if you desaturate by 10%, it is **59.9525, 0.3572, 0.3231**.

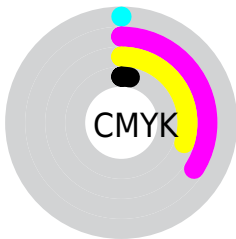
Distribution



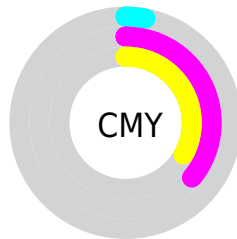
- Red (97%)
- Green (64%)
- Blue (67%)



- Red (97%)
- Yellow (64%)
- Blue (67%)



- Cyan (0%)
- Magenta (34%)
- Yellow (30%)
- Black (3%)




- Cyan (3%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3036, 0.3841, 0.3205 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 49.3036, 0.3841, 0.3205 by changing the saturation by 10% instead.


 49.3036, 0.3841,
0.3205

 49.3036, 0.3841,
0.3205


383.9363, 0.3485,
0.3254

 34.8604, 0.3929,
0.3191


 89.1422, 0.3712,
0.3224

 23.5553, 0.4043,
0.3172

 115.3064, 0.3663,
0.3231

 15.0041, 0.4193,
0.3144


146.1463, 0.3622,
0.3237

 8.8223, 0.4400,
0.3103

182.0464, 0.3587,
0.3241

 4.6254, 0.4703,
0.3036

223.3910, 0.3556,
0.3245

 2.0292, 0.5185,
0.2912

270.5647, 0.3529,

 0.6244, 0.6774,

0.3249

0.2847

323.9516, 0.3506,
0.3252

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.3036, 0.3841,
0.3205

49.3036, 0.3841,
0.3205

40.5204, 0.4170,
0.3181

59.9525, 0.3572,
0.3231

33.4887, 0.4560,
0.3161

72.5584, 0.3355,
0.3257

28.0930, 0.5001,
0.3152

87.2151, 0.3181,
0.3282

24.2010, 0.5458,
0.3158

98.5185, 0.3078,
0.3290

■ 21.6597, 0.5874,
0.3183

■ 20.2834, 0.6185,
0.3225

■ 19.8440, 0.6313,
0.3251

Harmonies

Analogous

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



49.3036, 0.3452, 0.2880



49.3036, 0.3841, 0.3205



49.3036, 0.4024, 0.3567

Triad

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



49.3036, 0.3841, 0.3205



49.3036, 0.3210, 0.4051



49.3036, 0.2358, 0.2648

Complementary

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



49.3036, 0.3841, 0.3205



80.6595, 0.2688, 0.3380

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.



49.3036, 0.2306, 0.2910



49.3036, 0.3841, 0.3205



49.3036, 0.2777, 0.3756

Square

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



49.3036, 0.3841, 0.3205



49.3036, 0.3639, 0.4089



49.3036, 0.2453, 0.3317



49.3036, 0.2599, 0.2565

Rectangle

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



49.3036, 0.3841, 0.3205



49.3036, 0.3999, 0.3794



49.3036, 0.2453, 0.3317



49.3036, 0.2319, 0.2716

Sweetspot

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



49.3060, 0.3841, 0.3205



83.4000, 0.3288, 0.3266



51.5671, 0.3098, 0.2436



17.3907, 0.3314, 0.3263



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.



49.3060, 0.3841, 0.3205



46.6819, 0.4046, 0.3189



62.4841, 0.3799, 0.3647



16.5085, 0.3278, 0.3267



10.5016, 0.6291, 0.3239



0.9316, 0.6062, 0.3113

Inverse Universe

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



49.3060, 0.3841, 0.3205



46.6819, 0.4046, 0.3189



62.6062, 0.2599, 0.2900



16.5085, 0.3278, 0.3267



10.5016, 0.6291, 0.3239



0.9316, 0.6062, 0.3113

Previews

White Background



This preview shows how the Yxy color 49.3036, 0.3841, 0.3205 looks on a white background.

Color Contrast Check

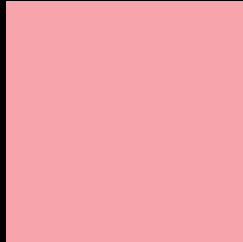
Large Text (above 18pt) WCAG AA × Fail

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 49.3036, 0.3841, 0.3205 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 49.3036, 0.3841, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 49.3036, 0.3841, 0.3205.



This preview shows how white text looks on a background with the Yxy color 49.3036, 0.3841, 0.3205.

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

49.3036, 0.3841, 0.3205

Protanopia

49.6549, 0.3185, 0.3315

Deuteranopia

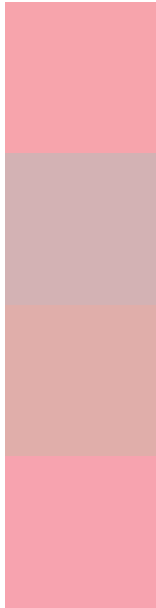
49.3560, 0.3494, 0.3425



Tritanopia

49.1031, 0.3805, 0.3151

Trichromacy



Original Color

49.3036, 0.3841, 0.3205

Protanomaly

48.9850, 0.3403, 0.3267

Deuteranomaly

49.0217, 0.3618, 0.3338

Tritanomaly

49.0637, 0.3815, 0.3162

Monochromacy



Original Color

49.3036, 0.3841, 0.3205

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.3155, 0.3372, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3036, 0.3841, 0.3205 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(247, 164, 172)` looks like.

```
.text, #text, p{  
    color:rgb(247, 164, 172)  
}
```

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(247, 164, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 164, 172) }
```

Border

The CSS property to change the border of an element to Yxy 49.3036, 0.3841, 0.3205 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(247, 164, 172) }
```

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

```
.border{ border-color:rgb(247, 164, 172) }
```

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

Here you see how a box with a 4 pixel rgb(247, 164, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(247, 164,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3036, 0.3841, 0.3205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 164, 172) }
```

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

```
.background{ background-color: rgb(247,  
164, 172) }
```

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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