

Converting Colors

$Yxy(49.7814, 0.3833, 0.3206)$

Have a look what the booklet for
Yxy(49.7814, 0.3833, 0.3206)
contains.

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Color

Yxy(49.7016, 0.3828, 0.3205)

Conversions

Conversions Part 1

Format	Color
Hex	F7A5AD
RGB	247, 165, 173
RGB Percent	97%, 65%, 68%
CMY	0.0313, 0.3530, 0.3215
CMYK	0.00, 0.33, 0.30, 0.03
HSL	354°, 84%, 81%
HSV	354°, 33%, 97%
XYZ	59.3628, 49.7016, 46.0108
YIQ	190.4300, 46.3040, 19.8720

Conversions

Conversions Part 2

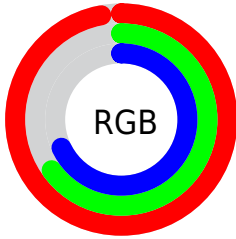
Format	Color
R _Y B	247, 165, 173
Decimal	16229805
CIE Lab	75.89, 31.33, 8.34
CIE LCh	76, 32.426, 14.906
Yxy	49.7016, 0.3828, 0.3205
Android (android.graphics.Color)	4294419885 (0xFFF7A5AD)
YUV	190.4300, -8.5930, 49.6119
Hunter-Lab	70.4994, 26.9290, 10.6544

Details

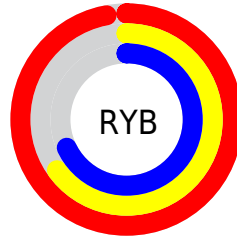
The Yxy color **49.7016, 0.3828, 0.3205** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.7643, 0.2693, 0.3380**, and the grayscale version is **51.7861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5743, 0.3324, 0.3221**, and **23.7876, 0.4025, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **40.8454, 0.4154, 0.3180**, and if you desaturate by 10%, it is **60.4273, 0.3562, 0.3232**.

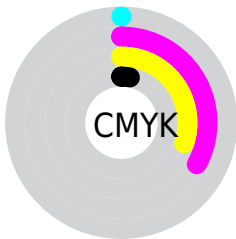
Distribution



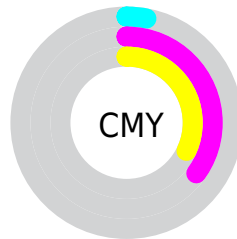
- Red (97%)
- Green (65%)
- Blue (68%)



- Red (97%)
- Yellow (65%)
- Blue (68%)



- Cyan (0%)
- Magenta (33%)
- Yellow (30%)
- Black (3%)





- Cyan (3%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7016, 0.3828, 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 49.7016, 0.3828, 0.3205 by changing the saturation by 10% instead.


 49.7016, 0.3828,
0.3205

 49.7016, 0.3828,
0.3205

385.4979, 0.3479,
0.3254

 35.1764, 0.3915,
0.3191


 89.7326, 0.3701,
0.3224

 23.7988, 0.4025,
0.3172


 116.0071, 0.3654,
0.3231

 15.1844, 0.4172,
0.3145


146.9669, 0.3613,
0.3236

 8.9489, 0.4374,
0.3105

182.9963, 0.3579,
0.3241

 4.7079, 0.4670,
0.3040

224.4797, 0.3549,
0.3245

 2.0769, 0.5139,
0.2920

271.8015, 0.3522,

 0.6516, 0.6599,

0.3248

0.2849

325.3461, 0.3499,
0.3251

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.7016, 0.3828,
0.3205

49.7016, 0.3828,
0.3205

40.8454, 0.4154,
0.3180

60.4273, 0.3562,
0.3232

33.7448, 0.4541,
0.3160

73.1133, 0.3347,
0.3258

28.2850, 0.4980,
0.3151

87.8534, 0.3175,
0.3282

24.3344, 0.5437,
0.3156

98.5179, 0.3078,
0.3290

■ 21.7409, 0.5856,
0.3180

■ 20.3207, 0.6173,
0.3222

■ 19.8446, 0.6312,
0.3251

Harmonies

Analogous

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



49.7016, 0.3445, 0.2885



49.7016, 0.3828, 0.3205



49.7016, 0.4009, 0.3562

Triad

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



49.7016, 0.3828, 0.3205



49.7016, 0.3211, 0.4039



49.7016, 0.2369, 0.2659

Complementary

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



49.7016, 0.3828, 0.3205



80.7643, 0.2693, 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.



49.7016, 0.2319, 0.2918



49.7016, 0.3828, 0.3205



49.7016, 0.2784, 0.3751

Square

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



49.7016, 0.3828, 0.3205



49.7016, 0.3634, 0.4075



49.7016, 0.2464, 0.3320



49.7016, 0.2606, 0.2575

Rectangle

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



49.7016, 0.3828, 0.3205



49.7016, 0.3986, 0.3786



49.7016, 0.2464, 0.3320



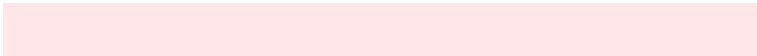
49.7016, 0.2330, 0.2726

Sweetspot

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



49.7040, 0.3828, 0.3205



83.4017, 0.3288, 0.3266



51.9438, 0.3099, 0.2447



17.3911, 0.3313, 0.3262



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.



49.7040, 0.3828, 0.3205



46.6862, 0.4045, 0.3188



62.7932, 0.3789, 0.3643



16.5089, 0.3278, 0.3267



10.5023, 0.6289, 0.3238



0.9317, 0.6058, 0.3111

Inverse Universe

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



49.7040, 0.3828, 0.3205



46.6862, 0.4045, 0.3188



62.9148, 0.2605, 0.2906



16.5089, 0.3278, 0.3267



10.5023, 0.6289, 0.3238



0.9317, 0.6058, 0.3111

Previews

White Background



This preview shows how the Yxy color 49.7016, 0.3828, 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 49.7016, 0.3828, 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 49.7016, 0.3828, 0.3205

Background



This preview shows how black text looks on a background with the Yxy color 49.7016, 0.3828, 0.3205.



This preview shows how white text looks on a background with the Yxy color 49.7016, 0.3828, 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

49.7016, 0.3828, 0.3205

Protanopia

50.1198, 0.3176, 0.3315

Deuteranopia

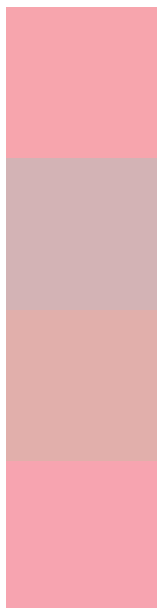
49.9471, 0.3492, 0.3424



Tritanopia

49.4994, 0.3792, 0.3151

Trichromacy



Original Color

49.7016, 0.3828, 0.3205

Protanomaly

49.4253, 0.3392, 0.3267

Deuteranomaly

49.6078, 0.3616, 0.3338

Tritanomaly

49.4597, 0.3802, 0.3162

Monochromacy



Original Color

49.7016, 0.3828, 0.3205

Achromatopsia

51.4918, 0.3127, 0.3290

Achromatomaly

50.3573, 0.3363, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7016, 0.3828, 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, 165, 173)` looks like.

```
.text, #text, p{  
    color:rgb(247, 165, 173)  
}
```

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, 165, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 165, 173) }
```

Border

The CSS property to change the border of an element to Yxy 49.7016, 0.3828, 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, 165, 173) }
```

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

```
.border{ border-color:rgb(247, 165, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 165, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 165, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 165, 173); box-shadow:4px 4px 4px 4px rgb(247, 165, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7016, 0.3828, 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, 165, 173) }
```

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

```
.background{ background-color: rgb(247,  
165, 173) }
```

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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