

Converting Colors

Yxy(47.9814, 0.4016, 0.3369)

Have a look what the booklet for
Yxy(47.9814, 0.4016, 0.3369)
contains.

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Color

Yxy(47.9814, 0.4016, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	F7A29B
RGB	247, 162, 155
RGB Percent	97%, 64%, 61%
CMY	0.0313, 0.3647, 0.3923
CMYK	0.00, 0.34, 0.37, 0.03
HSL	5°, 85%, 79%
HSV	5°, 37%, 97%
XYZ	57.1960, 47.9814, 37.2429
YIQ	186.6170, 52.9070, 15.8430

Conversions

Conversions Part 2

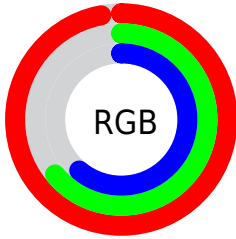
Format	Color
R _Y B	247, 163, 155
Decimal	16229019
CIE Lab	74.81, 30.69, 16.70
CIE LCh	75, 34.945, 28.557
Yxy	47.9814, 0.4016, 0.3369
Android (android.graphics.Color)	4294419099 (0xFFFF7A29B)
YUV	186.6170, -15.5872, 52.9559
Hunter-Lab	69.2686, 26.1697, 16.6102

Details

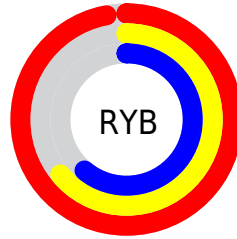
The Yxy color **47.9814, 0.4016, 0.3369** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.9904, 0.2594, 0.3208**, and the grayscale version is **49.5346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.0063, 0.3463, 0.3382**, and **22.6281, 0.4266, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **39.9155, 0.4387, 0.3389**, and if you desaturate by 10%, it is **57.6797, 0.3707, 0.3347**.

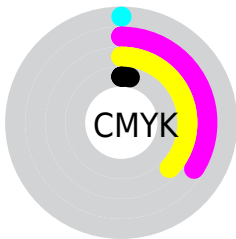
Distribution



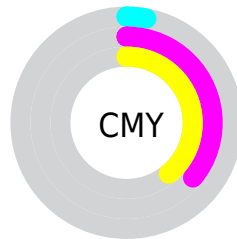
- Red (97%)
- Green (64%)
- Blue (61%)



- Red (97%)
- Yellow (64%)
- Blue (61%)



- Cyan (0%)
- Magenta (34%)
- Yellow (37%)
- Black (3%)



- Cyan (3%)
- Magenta (36%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.9814, 0.4016, 0.3369 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 47.9814, 0.4016, 0.3369 by changing the saturation by 10% instead.


 47.9814, 0.4016,
0.3369


 47.9814, 0.4016,
0.3369


378.7184, 0.3569,
0.3344

 33.8122, 0.4127,
0.3371


 87.1767, 0.3854,
0.3363

 22.7493, 0.4270,
0.3370


 112.9716, 0.3793,
0.3360

 14.4085, 0.4458,
0.3365


143.4104, 0.3741,
0.3357

 8.4053, 0.4718,
0.3349

178.8777, 0.3697,
0.3354

 4.3554, 0.5094,
0.3308

219.7577, 0.3658,
0.3352

 1.8743, 0.5715,
0.3223

266.4349, 0.3625,

 0.5329, 0.7135,

0.3349

0.2865

319.2937, 0.3595,
0.3346

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.9814, 0.4016,
0.3369

47.9814, 0.4016,
0.3369

39.9155, 0.4387,
0.3389

57.6797, 0.3707,
0.3347

33.3856, 0.4815,
0.3404

69.0858, 0.3454,
0.3325

28.2963, 0.5277,
0.3409

82.2790, 0.3250,
0.3304

24.5382, 0.5725,
0.3400

97.3315, 0.3085,
0.3285

■ 21.9865, 0.6090,
0.3375

■ 98.5167, 0.3078,
0.3290

■ 20.4919, 0.6316,
0.3340

■ 20.2382, 0.6358,
0.3334

Harmonies

Analogous

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



47.9814, 0.3682, 0.2998



47.9814, 0.4016, 0.3369



47.9814, 0.4085, 0.3749

Triad

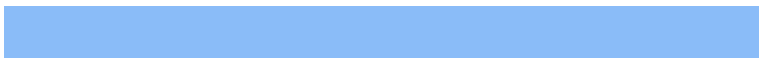
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



47.9814, 0.4016, 0.3369



47.9814, 0.2997, 0.3999



47.9814, 0.2398, 0.2540

Complementary

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



47.9814, 0.4016, 0.3369



75.9904, 0.2594, 0.3208

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.



47.9814, 0.2250, 0.2732



47.9814, 0.4016, 0.3369



47.9814, 0.2575, 0.3586

Square

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



47.9814, 0.4016, 0.3369



47.9814, 0.3475, 0.4167



47.9814, 0.2311, 0.3106



47.9814, 0.2734, 0.2538

Rectangle

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



47.9814, 0.4016, 0.3369



47.9814, 0.3974, 0.3967



47.9814, 0.2311, 0.3106



47.9814, 0.2327, 0.2583

Sweetspot

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



47.9837, 0.4016, 0.3369



82.8936, 0.3322, 0.3312



49.5526, 0.3221, 0.2421



17.3272, 0.3349, 0.3315



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.



47.9837, 0.4016, 0.3369



44.6616, 0.4301, 0.3385



66.8298, 0.3832, 0.3844



16.6858, 0.3292, 0.3309



10.7780, 0.6344, 0.3344



1.0164, 0.6214, 0.3448

Inverse Universe

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



75.9904, 0.2594, 0.3208



78.8697, 0.2504, 0.3188



52.6471, 0.2515, 0.2659



18.5283, 0.2981, 0.3271



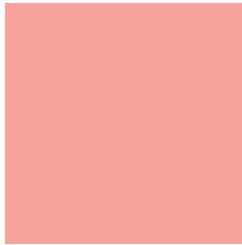
33.0283, 0.2180, 0.3049



2.9662, 0.2189, 0.3082

Previews

White Background



This preview shows how the Yxy color 47.9814, 0.4016, 0.3369 looks on a white background.

Color Contrast Check

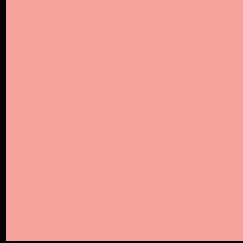
Large Text (above 18pt) WCAG AA × Fail

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 47.9814, 0.4016, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

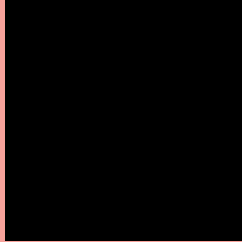
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.9814, 0.4016, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 47.9814, 0.4016, 0.3369.

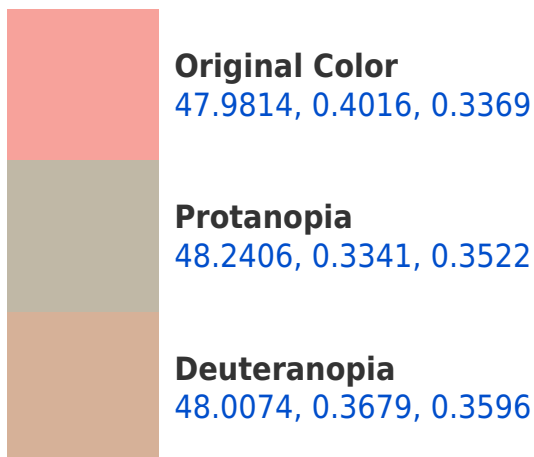


This preview shows how white text looks on a background with the Yxy color 47.9814, 0.4016, 0.3369.

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





Tritanopia

47.8763, 0.3886, 0.3163

Trichromacy



Original Color

47.9814, 0.4016, 0.3369



Protanomaly

47.6564, 0.3574, 0.3462



Deuteranomaly

47.9737, 0.3800, 0.3514



Tritanomaly

47.8147, 0.3933, 0.3238

Monochromacy



Original Color

47.9814, 0.4016, 0.3369



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

48.4912, 0.3428, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9814, 0.4016, 0.3369 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, 162, 155)` looks like.

```
.text, #text, p{  
    color:rgb(247, 162, 155)  
}
```

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, 162, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 162, 155) }
```

Border

The CSS property to change the border of an element to Yxy 47.9814, 0.4016, 0.3369 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, 162, 155) }
```

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

```
.border{ border-color:rgb(247, 162, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 162, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 162, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 162, 155);  
box-shadow:4px 4px 4px 4px rgb(247, 162,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9814, 0.4016, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 162, 155) }
```

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

```
.background{ background-color: rgb(247,  
162, 155) }
```

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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