

Converting Colors

Yxy(47.0614, 0.4007, 0.3409)

Have a look what the booklet for
Yxy(47.0614, 0.4007, 0.3409)
contains.

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Color

Yxy(46.9849, 0.3999, 0.3403)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F2A298 |
| RGB | 242, 162, 152 |
| RGB Percent | 95%, 64%, 60% |
| CMY | 0.0509, 0.3647, 0.4039 |
| CMYK | 0.00, 0.33, 0.37, 0.05 |
| HSL | 7°, 78%, 77% |
| HSV | 7°, 37%, 95% |
| XYZ | 55.2138, 46.9849, 35.8703 |
| YIQ | 184.7800, 50.8900, 13.8500 |

Conversions

Conversions Part 2

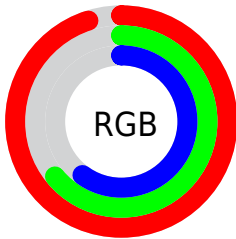
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 242, 163, 152 |
| Decimal | 15901336 |
| CIE _{Lab} | 74.18, 28.49, 17.35 |
| CIE _{LCh} | 74, 33.357, 31.346 |
| Yxy | 46.9849, 0.3999, 0.3403 |
| Android (android.graphics.Color) | 4294091416 (0xFFFF2A298) |
| YUV | 184.7800, -16.1605, 50.1819 |
| Hunter-Lab | 68.5455, 23.8281, 16.9550 |

Details

The Yxy color **46.9849, 0.3999, 0.3403** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **70.8316, 0.2590, 0.3172**, and the grayscale version is **48.4593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3419, 0.3487, 0.3403**, and **22.2818, 0.4252, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **39.3298, 0.4359, 0.3432**, and if you desaturate by 10%, it is **56.1037, 0.3697, 0.3372**.

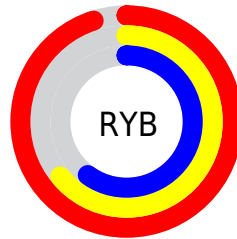
Distribution



Red (95%)

Green (64%)

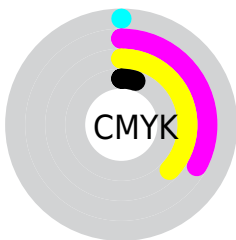
Blue (60%)



Red (95%)

Yellow (64%)

Blue (60%)

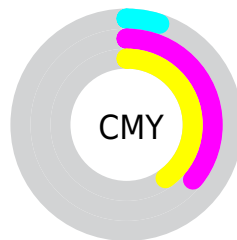


Cyan (0%)

Magenta (33%)

Yellow (37%)

Black (5%)



Cyan (5%)


Magenta (36%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.9849, 0.3999, 0.3403 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 46.9849, 0.3999, 0.3403 by changing the saturation by 10% instead.

 46.9849, 0.3999,
0.3403

 46.9849, 0.3999,
0.3403


374.7543, 0.3559,
0.3361

 33.0237, 0.4109,
0.3409


 85.6911, 0.3839,
0.3391

 22.1446, 0.4250,
0.3414


 111.2049, 0.3779,
0.3386

 13.9632, 0.4437,
0.3415


141.3383, 0.3728,
0.3381

 8.0951, 0.4696,
0.3408

176.4758, 0.3684,
0.3376

 4.1558, 0.5072,
0.3379

217.0018, 0.3647,
0.3372

 1.7611, 0.5732,
0.3330

263.3006, 0.3614,

 0.4628, 0.7167,

0.3368

0.2833

315.7566, 0.3585,
0.3364

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.9849, 0.3999,
0.3403

46.9849, 0.3999,
0.3403

39.3298, 0.4359,
0.3432

56.1037, 0.3697,
0.3372

33.0556, 0.4774,
0.3453

66.7498, 0.3450,
0.3340

28.0817, 0.5223,
0.3462

78.9913, 0.3248,
0.3310

24.3165, 0.5664,
0.3452

92.8902, 0.3085,
0.3282

■ 21.6559, 0.6034,
0.3420

■ 97.6222, 0.3048,
0.3290

■ 19.9776, 0.6277,
0.3370

■ 19.6581, 0.6326,
0.3359

Harmonies

Analogous

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



46.9849, 0.3699, 0.3040



46.9849, 0.3999, 0.3403



46.9849, 0.4040, 0.3766

Triad

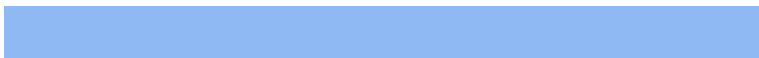
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



46.9849, 0.3999, 0.3403



46.9849, 0.2961, 0.3941



46.9849, 0.2448, 0.2560

Complementary

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



46.9849, 0.3999, 0.3403



70.8316, 0.2590, 0.3172

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.



46.9849, 0.2286, 0.2729



46.9849, 0.3999, 0.3403



46.9849, 0.2565, 0.3532

Square

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



46.9849, 0.3999, 0.3403



46.9849, 0.3422, 0.4129



46.9849, 0.2326, 0.3075



46.9849, 0.2787, 0.2573

Rectangle

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



46.9849, 0.3999, 0.3403



46.9849, 0.3919, 0.3968



46.9849, 0.2326, 0.3075



46.9849, 0.2372, 0.2595

Sweetspot

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



46.9872, 0.3999, 0.3403



83.4297, 0.3321, 0.3321



47.2281, 0.3247, 0.2451



17.4538, 0.3348, 0.3326



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.



46.9872, 0.3999, 0.3403



45.9329, 0.4280, 0.3426



65.3032, 0.3818, 0.3873



16.0408, 0.3291, 0.3317



10.6537, 0.6309, 0.3373



0.9786, 0.6126, 0.3518

Inverse Universe

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



70.8316, 0.2590, 0.3172



76.4894, 0.2496, 0.3142



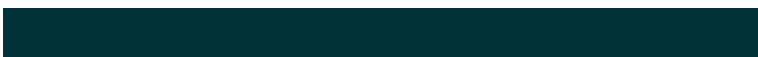
49.0643, 0.2511, 0.2623



17.6122, 0.2981, 0.3263



29.7276, 0.2149, 0.2938



2.5577, 0.2163, 0.2988

Previews

White Background



This preview shows how the Yxy color 46.9849, 0.3999, 0.3403 looks on a white background.

Color Contrast Check

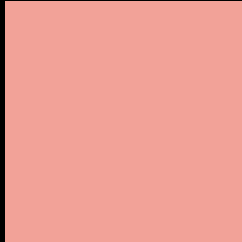
Large Text (above 18pt) WCAG AA × Fail

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 46.9849, 0.3999, 0.3403 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 46.9849, 0.3999, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 46.9849, 0.3999, 0.3403.



This preview shows how white text looks on a background with the Yxy color 46.9849, 0.3999, 0.3403.

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

46.9849, 0.3999, 0.3403

Protanopia

47.1409, 0.3369, 0.3550

Deuteranopia

47.2176, 0.3691, 0.3623



Tritanopia

46.9696, 0.3839, 0.3161

Trichromacy



Original Color

46.9849, 0.3999, 0.3403

Protanomaly

46.8302, 0.3594, 0.3501

Deuteranomaly

47.0158, 0.3803, 0.3541

Tritanomaly

46.8766, 0.3897, 0.3248

Monochromacy



Original Color

46.9849, 0.3999, 0.3403

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.5832, 0.3420, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9849, 0.3999, 0.3403 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(242, 162, 152)` looks like.

```
.text, #text, p{  
    color:rgb(242, 162, 152)  
}
```

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(242, 162, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 162, 152) }
```

Border

The CSS property to change the border of an element to Yxy 46.9849, 0.3999, 0.3403 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(242, 162, 152) }
```

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

```
.border{ border-color:rgb(242, 162, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 162, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 162, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 162, 152);  
box-shadow:4px 4px 4px 4px rgb(242, 162,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9849, 0.3999, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 162, 152) }
```

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

```
.background{ background-color: rgb(242,  
162, 152) }
```

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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