

Converting Colors

$Y_{xy}(47.1877, 0.3956, 0.3186)$

Have a look what the booklet for
Yxy(47.1877, 0.3956, 0.3186)
contains.

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Color

Yxy(47.3763, 0.3962, 0.3196)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FB9DA6 |
| RGB | 251, 157, 166 |
| RGB Percent | 98%, 62%, 65% |
| CMY | 0.0156, 0.3843, 0.3490 |
| CMYK | 0.00, 0.37, 0.34, 0.02 |
| HSL | 354°, 92%, 80% |
| HSV | 354°, 37%, 98% |
| XYZ | 58.7312, 47.3763, 42.1287 |
| YIQ | 186.1320, 53.1350, 22.7270 |

Conversions

Conversions Part 2

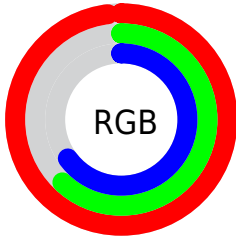
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 251, 157, 166 |
| Decimal | 16489894 |
| CIE Lab | 74.43, 36.09, 10.18 |
| CIE LCh | 74, 37.497, 15.748 |
| Yxy | 47.3763, 0.3962, 0.3196 |
| Android (android.graphics.Color) | 4294679974 (0xFFFB9DA6) |
| YUV | 186.1320, -9.9251, 56.8892 |
| Hunter-Lab | 68.8304, 31.8560, 11.8919 |

Details

The Yxy color **47.3763, 0.3962, 0.3196** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.5897, 0.2645, 0.3391**, and the grayscale version is **49.2163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0690, 0.3384, 0.3210**, and **22.3220, 0.4204, 0.3157** is the 20% darker color. If you saturate the color by 10%, you get **38.9791, 0.4316, 0.3173**, and if you desaturate by 10%, it is **57.6698, 0.3670, 0.3222**.

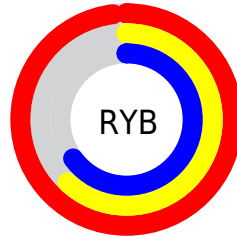
Distribution



Red (98%)

Green (62%)

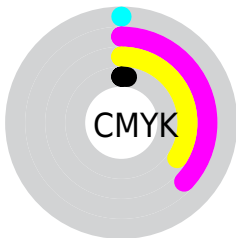
Blue (65%)



Red (98%)

Yellow (62%)

Blue (65%)

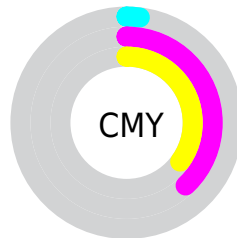


Cyan (0%)

Magenta (37%)

Yellow (34%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3763, 0.3962, 0.3196 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 47.3763, 0.3962, 0.3196 by changing the saturation by 10% instead.


 47.3763, 0.3962,
0.3196


 47.3763, 0.3962,
0.3196


376.3146, 0.3542,
0.3253

 33.3332, 0.4067,
0.3179


 86.2750, 0.3809,
0.3219

 22.3818, 0.4202,
0.3156


 111.8995, 0.3752,
0.3227

 14.1377, 0.4380,
0.3122


142.1532, 0.3703,
0.3233

 8.2165, 0.4627,
0.3071

177.4206, 0.3662,
0.3238

 4.2338, 0.4990,
0.2985

218.0861, 0.3626,
0.3243

 1.8052, 0.5566,
0.2824

264.5339, 0.3595,

 0.4904, 0.7479,

0.3247

0.2521

317.1486, 0.3567,
0.3250

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.3763, 0.3962,
0.3196

47.3763, 0.3962,
0.3196

38.9791, 0.4316,
0.3173

57.6698, 0.3670,
0.3222

32.3561, 0.4729,
0.3158

69.9583, 0.3433,
0.3248

27.3815, 0.5182,
0.3154

84.3420, 0.3244,
0.3273

23.9102, 0.5631,
0.3167

99.2542, 0.3103,
0.3290

■ 21.7721, 0.6014,
0.3199

■ 20.7455, 0.6270,
0.3244

■ 20.5805, 0.6315,
0.3253

Harmonies

Analogous

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



47.3763, 0.3512, 0.2828



47.3763, 0.3962, 0.3196



47.3763, 0.4166, 0.3607

Triad

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



47.3763, 0.3962, 0.3196



47.3763, 0.3204, 0.4176



47.3763, 0.2253, 0.2547

Complementary

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



47.3763, 0.3962, 0.3196



82.5897, 0.2645, 0.3391

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.



47.3763, 0.2189, 0.2836



47.3763, 0.3962, 0.3196



47.3763, 0.2710, 0.3824

Square

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



47.3763, 0.3962, 0.3196



47.3763, 0.3701, 0.4216



47.3763, 0.2347, 0.3304



47.3763, 0.2529, 0.2463

Rectangle

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



47.3763, 0.3962, 0.3196



47.3763, 0.4129, 0.3867



47.3763, 0.2347, 0.3304



47.3763, 0.2207, 0.2621

Sweetspot

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



47.3786, 0.3962, 0.3196



81.8638, 0.3306, 0.3264



49.8883, 0.3093, 0.2339



17.0844, 0.3332, 0.3260



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.



47.3786, 0.3962, 0.3196



42.3319, 0.4224, 0.3178



61.8018, 0.3899, 0.3690



17.2522, 0.3279, 0.3268



10.8245, 0.6293, 0.3240



1.0113, 0.6077, 0.3121

Inverse Universe

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



47.3786, 0.3962, 0.3196



42.3319, 0.4224, 0.3178



61.9302, 0.2539, 0.2848



17.2522, 0.3279, 0.3268



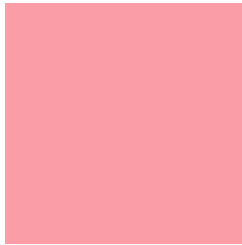
10.8245, 0.6293, 0.3240



1.0113, 0.6077, 0.3121

Previews

White Background



This preview shows how the Yxy color 47.3763, 0.3962, 0.3196 looks on a white background.

Color Contrast Check

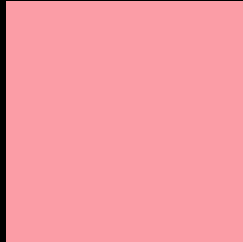
Large Text (above 18pt) WCAG AA × Fail

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 47.3763, 0.3962, 0.3196 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 47.3763, 0.3962, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 47.3763, 0.3962, 0.3196.



This preview shows how white text looks on a background with the Yxy color 47.3763, 0.3962, 0.3196.

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

47.3763, 0.3962, 0.3196

Protanopia

47.8536, 0.3194, 0.3329

Deuteranopia

47.6082, 0.3544, 0.3476



Tritanopia

47.4503, 0.3941, 0.3175

Trichromacy



Original Color

47.3763, 0.3962, 0.3196



Protanomaly

47.2161, 0.3454, 0.3279



Deuteranomaly

47.2411, 0.3694, 0.3374



Tritanomaly

47.4132, 0.3952, 0.3186

Monochromacy



Original Color

47.3763, 0.3962, 0.3196



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

47.6163, 0.3408, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3763, 0.3962, 0.3196 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(251, 157, 166)` looks like.

```
.text, #text, p{  
    color:rgb(251, 157, 166)  
}
```

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(251, 157, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 157, 166) }
```

Border

The CSS property to change the border of an element to Yxy 47.3763, 0.3962, 0.3196 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(251, 157, 166) }
```

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

```
.border{ border-color:rgb(251, 157, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 157, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 157, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 157, 166);  
box-shadow:4px 4px 4px 4px rgb(251, 157,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3763, 0.3962, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 157, 166) }
```

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

```
.background{ background-color: rgb(251,  
157, 166) }
```

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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