

Converting Colors

$Y_{xy}(47.3503, 0.3979, 0.3223)$

Have a look what the booklet for
Yxy(47.3503, 0.3979, 0.3223)
contains.

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Color

Yxy(47.3035, 0.3982, 0.3218)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FB9DA4 |
| RGB | 251, 157, 164 |
| RGB Percent | 98%, 62%, 64% |
| CMY | 0.0158, 0.3842, 0.3569 |
| CMYK | 0.00, 0.37, 0.35, 0.02 |
| HSL | 356°, 92%, 80% |
| HSV | 356°, 37%, 98% |
| XYZ | 58.5340, 47.3035, 41.1590 |
| YIQ | 185.9040, 53.7770, 22.1050 |

Conversions

Conversions Part 2

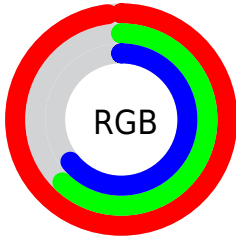
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 251, 157, 164 |
| Decimal | 16489892 |
| CIE Lab | 74.38, 35.81, 11.22 |
| CIE LCh | 74, 37.530, 17.401 |
| Yxy | 47.3035, 0.3982, 0.3218 |
| Android (android.graphics.Color) | 4294679972 (0xFFFB9DA4) |
| YUV | 185.9040, -10.7987, 57.0892 |
| Hunter-Lab | 68.7775, 31.5541, 12.6629 |

Details

The Yxy color **47.3035, 0.3982, 0.3218** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.6828, 0.2636, 0.3367**, and the grayscale version is **49.0866, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.9630, 0.3399, 0.3230**, and **22.2769, 0.4233, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **38.9023, 0.4345, 0.3201**, and if you desaturate by 10%, it is **57.6069, 0.3682, 0.3238**.

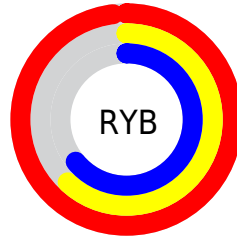
Distribution



Red (98%)

Green (62%)

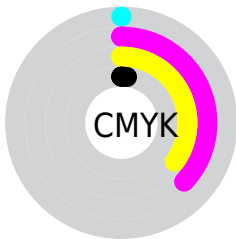
Blue (64%)



Red (98%)

Yellow (62%)

Blue (64%)

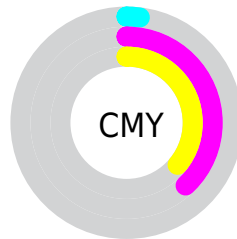


Cyan (0%)

Magenta (37%)

Yellow (35%)

Black (2%)



Cyan (2%)


Magenta (38%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.3035, 0.3982, 0.3218 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 47.3035, 0.3982, 0.3218 by changing the saturation by 10% instead.

 47.3035, 0.3982,
0.3218

 47.3035, 0.3982,
0.3218


376.0247, 0.3552,
0.3265

 33.2756, 0.4090,
0.3203


 86.1665, 0.3825,
0.3237

 22.3377, 0.4228,
0.3183


 111.7704, 0.3767,
0.3244

 14.1052, 0.4411,
0.3152


142.0018, 0.3717,
0.3249

 8.1939, 0.4664,
0.3104

177.2450, 0.3674,
0.3253

 4.2193, 0.5035,
0.3022

217.8846, 0.3638,
0.3257

 1.7970, 0.5623,
0.2864

264.3047, 0.3605,

 0.4853, 0.7477,

0.3260

0.2523

316.8900, 0.3577,
0.3262

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.3035, 0.3982,
0.3218

47.3035, 0.3982,
0.3218

38.9023, 0.4345,
0.3201

57.6069, 0.3682,
0.3238

32.2804, 0.4768,
0.3189

69.9117, 0.3440,
0.3257

27.3116, 0.5229,
0.3188

84.3184, 0.3246,
0.3277

23.8501, 0.5682,
0.3199

99.2450, 0.3102,
0.3290

■ 21.7247, 0.6059,
0.3226

■ 20.7129, 0.6300,
0.3261

■ 20.5506, 0.6341,
0.3267

Harmonies

Analogous

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



47.3035, 0.3542, 0.2846



47.3035, 0.3982, 0.3218



47.3035, 0.4170, 0.3630

Triad

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



47.3035, 0.3982, 0.3218



47.3035, 0.3175, 0.4165



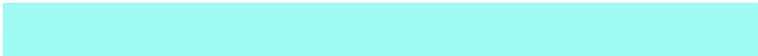
47.3035, 0.2262, 0.2536

Complementary

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



47.3035, 0.3982, 0.3218



82.6828, 0.2636, 0.3367

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.



47.3035, 0.2185, 0.2814



47.3035, 0.3982, 0.3218



47.3035, 0.2685, 0.3798

Square

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



47.3035, 0.3982, 0.3218



47.3035, 0.3677, 0.4223



47.3035, 0.2331, 0.3275



47.3035, 0.2549, 0.2463

Rectangle

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



47.3035, 0.3982, 0.3218



47.3035, 0.4121, 0.3888



47.3035, 0.2331, 0.3275



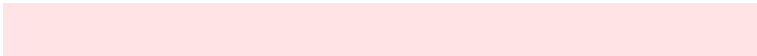
47.3035, 0.2212, 0.2606

Sweetspot

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



47.3058, 0.3982, 0.3218



81.8296, 0.3310, 0.3270



50.1656, 0.3106, 0.2343



17.0763, 0.3336, 0.3267



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.



47.3058, 0.3982, 0.3218



42.2514, 0.4252, 0.3205



62.4964, 0.3892, 0.3706



17.2461, 0.3282, 0.3273



10.8121, 0.6323, 0.3257



1.0084, 0.6146, 0.3160

Inverse Universe

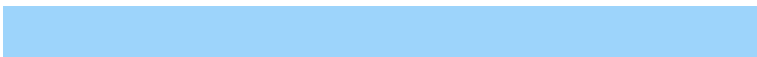
The Inverse Universe completely reimagines the original color for something new.



47.3058, 0.3982, 0.3218



42.2514, 0.4252, 0.3205



61.1352, 0.2537, 0.2829



17.2461, 0.3282, 0.3273



10.8121, 0.6323, 0.3257



1.0084, 0.6146, 0.3160

Previews

White Background



This preview shows how the Yxy color 47.3035, 0.3982, 0.3218 looks on a white background.

Color Contrast Check

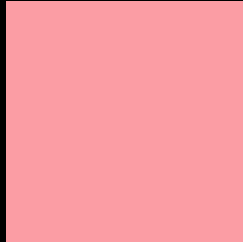
Large Text (above 18pt) WCAG AA × Fail

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 47.3035, 0.3982, 0.3218 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 47.3035, 0.3982, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 47.3035, 0.3982, 0.3218.



This preview shows how white text looks on a background with the Yxy color 47.3035, 0.3982, 0.3218.

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

47.3035, 0.3982, 0.3218

Protanopia

47.7727, 0.3210, 0.3355

Deuteranopia

47.5377, 0.3562, 0.3501



Tritanopia

47.1133, 0.3945, 0.3164

Trichromacy



Original Color

47.3035, 0.3982, 0.3218



Protanomaly

47.1381, 0.3472, 0.3303



Deuteranomaly

47.1700, 0.3713, 0.3398



Tritanomaly

47.0762, 0.3955, 0.3175

Monochromacy



Original Color

47.3035, 0.3982, 0.3218



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

47.5759, 0.3416, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3035, 0.3982, 0.3218 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(251, 157, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 157, 164) }
```

Border

The CSS property to change the border of an element to Yxy 47.3035, 0.3982, 0.3218 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, 164) }
```

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

```
.border{ border-color:rgb(251, 157, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 157, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 157, 164);  
box-shadow:4px 4px 4px 4px rgb(251, 157,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3035, 0.3982, 0.3218 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, 164) }
```

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

```
.background{ background-color: rgb(251,  
157, 164) }
```

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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