

Converting Colors

$Y_{xy}(48.4926, 0.3979, 0.3212)$

Have a look what the booklet for
Yxy(48.4926, 0.3979, 0.3212)
contains.

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Color

Yxy(48.6203, 0.3982, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FE9FA6
RGB	254, 159, 166
RGB Percent	100%, 62%, 65%
CMY	0.0040, 0.3764, 0.3491
CMYK	0.00, 0.37, 0.35, 0.00
HSL	356°, 98%, 81%
HSV	356°, 37%, 100%
XYZ	60.1448, 48.6203, 42.2766
YIQ	188.2030, 54.3730, 22.3170

Conversions

Conversions Part 2

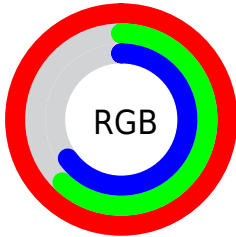
Format	Color
R_{YB}	254, 159, 166
Decimal	16687014
CIE _{Lab}	75.21, 36.10, 11.36
CIE _{LCh}	75, 37.842, 17.468
Yxy	48.6203, 0.3982, 0.3219
Android (android.graphics.Color)	4294877094 (0xFFFE9FA6)
YUV	188.2030, -10.9461, 57.7040
Hunter-Lab	69.7283, 31.9424, 12.8620

Details

The Yxy color **48.6203, 0.3982, 0.3219** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.9575, 0.2636, 0.3366**, and the grayscale version is **50.4521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0813, 0.3381, 0.3230**, and **23.1251, 0.4229, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **39.9792, 0.4345, 0.3202**, and if you desaturate by 10%, it is **59.2187, 0.3682, 0.3238**.

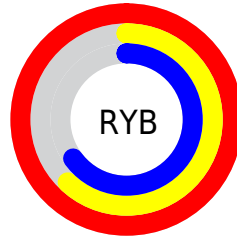
Distribution



Red (100%)

Green (62%)

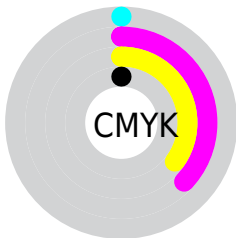
Blue (65%)



Red (100%)

Yellow (62%)

Blue (65%)

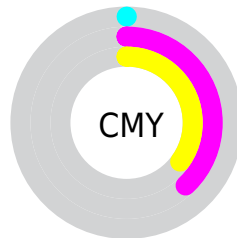


Cyan (0%)

Magenta (37%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (38%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6203, 0.3982, 0.3219 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 48.6203, 0.3982, 0.3219 by changing the saturation by 10% instead.


 48.6203, 0.3982,
0.3219


 48.6203, 0.3982,
0.3219

381.2456, 0.3554,
0.3265

 34.3184, 0.4088,
0.3204


 88.1273, 0.3827,
0.3238

 23.1383, 0.4225,
0.3184


 114.1011, 0.3768,
0.3244

 14.6957, 0.4405,
0.3154


144.7343, 0.3719,
0.3250

 8.6061, 0.4653,
0.3108

180.4114, 0.3676,
0.3254

 4.4851, 0.5015,
0.3029

221.5166, 0.3639,
0.3257

 1.9485, 0.5582,
0.2879

268.4345, 0.3607,

 0.5773, 0.7321,

0.3260

0.2679

321.5493, 0.3579,
0.3263

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.6203, 0.3982,
0.3219

48.6203, 0.3982,
0.3219

39.9792, 0.4345,
0.3202

59.2187, 0.3682,
0.3238

33.1688, 0.4769,
0.3191

71.8765, 0.3440,
0.3258

28.0594, 0.5231,
0.3189

86.6971, 0.3245,
0.3277

24.5008, 0.5684,
0.3201

99.8059, 0.3121,
0.3290

■ 22.3166, 0.6061,
0.3227

■ 21.2791, 0.6302,
0.3262

■ 21.1115, 0.6343,
0.3268

Harmonies

Analogous

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



48.6203, 0.3542, 0.2847



48.6203, 0.3982, 0.3219



48.6203, 0.4169, 0.3630

Triad

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



48.6203, 0.3982, 0.3219



48.6203, 0.3174, 0.4164



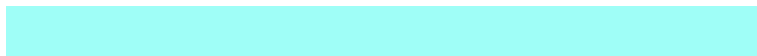
48.6203, 0.2263, 0.2536

Complementary

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



48.6203, 0.3982, 0.3219



84.9575, 0.2636, 0.3366

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.



48.6203, 0.2186, 0.2814



48.6203, 0.3982, 0.3219



48.6203, 0.2684, 0.3797

Square

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



48.6203, 0.3982, 0.3219



48.6203, 0.3675, 0.4222



48.6203, 0.2331, 0.3274



48.6203, 0.2550, 0.2464

Rectangle

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



48.6203, 0.3982, 0.3219



48.6203, 0.4120, 0.3888



48.6203, 0.2331, 0.3274



48.6203, 0.2213, 0.2606

Sweetspot

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



48.6227, 0.3982, 0.3219



81.8281, 0.3311, 0.3270



51.5627, 0.3106, 0.2344



17.0760, 0.3336, 0.3268



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.



48.6227, 0.3982, 0.3219



42.2479, 0.4253, 0.3206



64.2268, 0.3891, 0.3705



18.0086, 0.3283, 0.3273



11.1405, 0.6325, 0.3258



1.0918, 0.6159, 0.3166

Inverse Universe

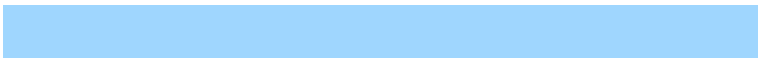
The Inverse Universe completely reimagines the original color for something new.



48.6227, 0.3982, 0.3219



42.2479, 0.4253, 0.3206



62.8292, 0.2537, 0.2829



18.0086, 0.3283, 0.3273



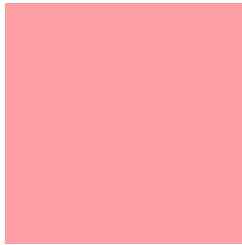
11.1405, 0.6325, 0.3258



1.0918, 0.6159, 0.3166

Previews

White Background



This preview shows how the Yxy color 48.6203, 0.3982, 0.3219 looks on a white background.

Color Contrast Check

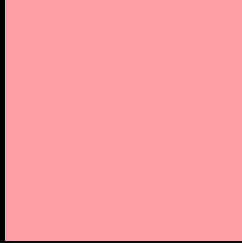
Large Text (above 18pt) WCAG AA × Fail

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 48.6203, 0.3982, 0.3219 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 48.6203, 0.3982, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 48.6203, 0.3982, 0.3219.



This preview shows how white text looks on a background with the Yxy color 48.6203, 0.3982, 0.3219.

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

48.6203, 0.3982, 0.3219

Protanopia

48.9404, 0.3209, 0.3354

Deuteranopia

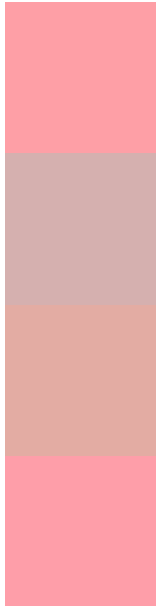
48.8459, 0.3566, 0.3498



Tritanopia

48.4268, 0.3945, 0.3166

Trichromacy



Original Color

48.6203, 0.3982, 0.3219

Protanomaly

48.2919, 0.3468, 0.3303

Deuteranomaly

48.4803, 0.3716, 0.3397

Tritanomaly

48.3891, 0.3955, 0.3176

Monochromacy



Original Color

48.6203, 0.3982, 0.3219

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.7366, 0.3413, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6203, 0.3982, 0.3219 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(254, 159, 166)` looks like.

```
.text, #text, p{  
    color:rgb(254, 159, 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(254, 159, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 159, 166) }
```

Border

The CSS property to change the border of an element to Yxy 48.6203, 0.3982, 0.3219 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(254, 159, 166) }
```

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

```
.border{ border-color:rgb(254, 159, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 159, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 159, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 159, 166);  
box-shadow:4px 4px 4px 4px rgb(254, 159,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6203, 0.3982, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 159, 166) }
```

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

```
.background{ background-color: rgb(254,  
159, 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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