

Converting Colors

$Y_{xy}(42.4899, 0.4166, 0.3204)$

Have a look what the booklet for
Yxy(42.4899, 0.4166, 0.3204)
contains.

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Color

Yxy(42.4211, 0.4166, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	FB8F98
RGB	251, 143, 152
RGB Percent	98%, 56%, 60%
CMY	0.0156, 0.4392, 0.4038
CMYK	0.00, 0.43, 0.39, 0.02
HSL	355°, 93%, 77%
HSV	355°, 43%, 98%
XYZ	55.2788, 42.4211, 34.9904
YIQ	176.3180, 61.4790, 25.6950

Conversions

Conversions Part 2

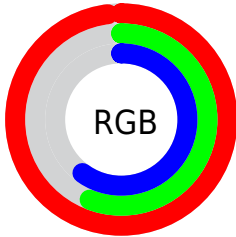
Format	Color
R _Y B	251, 143, 152
Decimal	16486296
CIE Lab	71.16, 41.67, 13.29
CIE LCh	71, 43.735, 17.684
Yxy	42.4211, 0.4166, 0.3197
Android (android.graphics.Color)	4294676376 (0xFFFB8F98)
YUV	176.3180, -11.9888, 65.4961
Hunter-Lab	65.1315, 37.5175, 13.7398

Details

The Yxy color **42.4211, 0.4166, 0.3197** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.2520, 0.2582, 0.3392**, and the grayscale version is **43.6319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1044, 0.3523, 0.3209**, and **19.3283, 0.4476, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **35.0293, 0.4560, 0.3180**, and if you desaturate by 10%, it is **51.6492, 0.3835, 0.3218**.

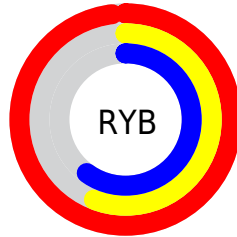
Distribution



Red (98%)

Green (56%)

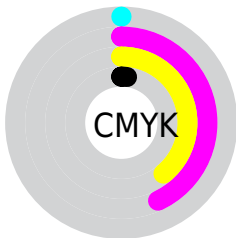
Blue (60%)



Red (98%)

Yellow (56%)

Blue (60%)

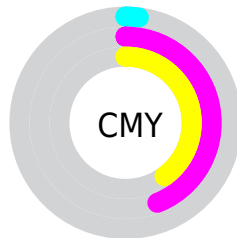


Cyan (0%)

Magenta (43%)

Yellow (39%)

Black (2%)



Cyan (2%)


Magenta (44%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.4211, 0.4166, 0.3197 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 42.4211, 0.4166, 0.3197 by changing the saturation by 10% instead.


 42.4211, 0.4166,
0.3197


 42.4211, 0.4166,
0.3197


356.2256, 0.3634,
0.3260

 29.4312, 0.4302,
0.3176


 78.8365, 0.3970,
0.3224

 19.4072, 0.4477,
0.3146

 103.0308, 0.3897,
0.3233

 11.9649, 0.4711,
0.3102


131.7287, 0.3836,
0.3240

 6.7198, 0.5038,
0.3030

165.3146, 0.3784,
0.3245

 3.2875, 0.5522,
0.2903

204.1728, 0.3739,
0.3250

 1.2836, 0.6414,
0.2707

248.6878, 0.3699,

 0.1285, 0.9015,

0.3254

0.0985

299.2439, 0.3665,
0.3257

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.4211, 0.4166,
0.3197

42.4211, 0.4166,
0.3197

35.0293, 0.4560,
0.3180

51.6492, 0.3835,
0.3218

29.3452, 0.5004,
0.3173

62.8182, 0.3565,
0.3241

25.2336, 0.5466,
0.3178

76.0325, 0.3347,
0.3263

22.5362, 0.5886,
0.3200

91.3873, 0.3173,
0.3284

■ 21.0616, 0.6197,
0.3236

■ 99.2518, 0.3103,
0.3290

■ 20.5658, 0.6331,
0.3261

Harmonies

Analogous

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



42.4211, 0.3630, 0.2764



42.4211, 0.4166, 0.3197



42.4211, 0.4385, 0.3679

Triad

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



42.4211, 0.4166, 0.3197



42.4211, 0.3166, 0.4364



42.4211, 0.2105, 0.2388

Complementary

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



42.4211, 0.4166, 0.3197



81.2520, 0.2582, 0.3392

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.



42.4211, 0.2012, 0.2704



42.4211, 0.4166, 0.3197



42.4211, 0.2585, 0.3906

Square

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



42.4211, 0.4166, 0.3197



42.4211, 0.3768, 0.4417



42.4211, 0.2175, 0.3255



42.4211, 0.2440, 0.2313

Rectangle

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



42.4211, 0.4166, 0.3197



42.4211, 0.4316, 0.3989



42.4211, 0.2175, 0.3255



42.4211, 0.2046, 0.2465

Sweetspot

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



42.4232, 0.4166, 0.3197



78.8385, 0.3347, 0.3263



45.1719, 0.3084, 0.2203



16.1867, 0.3391, 0.3258



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.



42.4232, 0.4166, 0.3197



36.9844, 0.4518, 0.3182



57.6982, 0.4052, 0.3750



17.2488, 0.3281, 0.3271



10.8172, 0.6311, 0.3250



1.0097, 0.6116, 0.3143

Inverse Universe

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



42.4232, 0.4166, 0.3197



36.9844, 0.4518, 0.3182



57.8226, 0.2454, 0.2769



17.2488, 0.3281, 0.3271



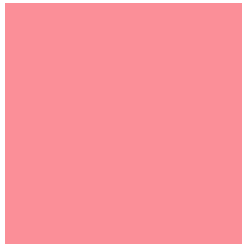
10.8172, 0.6311, 0.3250



1.0097, 0.6116, 0.3143

Previews

White Background



This preview shows how the Yxy color 42.4211, 0.4166, 0.3197 looks on a white background.

Color Contrast Check

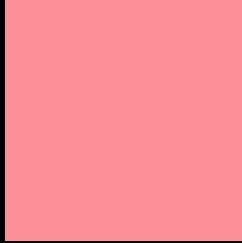
Large Text (above 18pt) WCAG AA × Fail

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 42.4211, 0.4166, 0.3197 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 42.4211, 0.4166, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 42.4211, 0.4166, 0.3197.

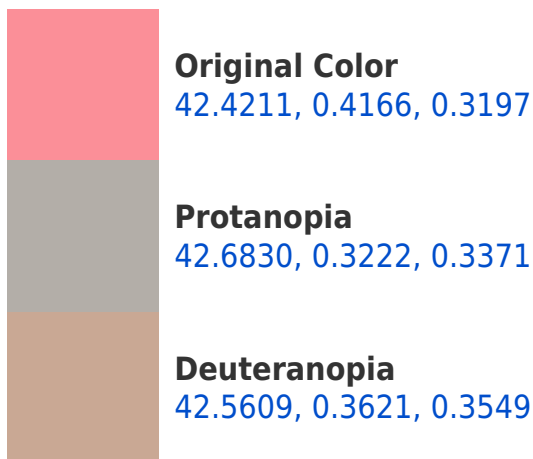


This preview shows how white text looks on a background with the Yxy color 42.4211, 0.4166, 0.3197.

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

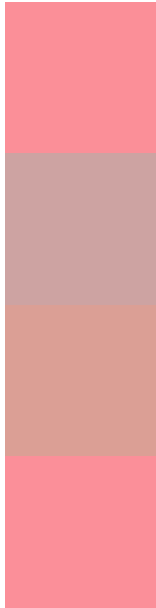




Tritanopia

42.4541, 0.4155, 0.3187

Trichromacy



Original Color

42.4211, 0.4166, 0.3197

Protanomaly

41.7822, 0.3542, 0.3304

Deuteranomaly

42.0263, 0.3820, 0.3413

Tritanomaly

42.4541, 0.4155, 0.3187

Monochromacy



Original Color

42.4211, 0.4166, 0.3197

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.0374, 0.3473, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4211, 0.4166, 0.3197 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, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(251, 143, 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(251, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 143, 152) }
```

Border

The CSS property to change the border of an element to Yxy 42.4211, 0.4166, 0.3197 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, 143, 152) }
```

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

```
.border{ border-color:rgb(251, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(251, 143,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4211, 0.4166, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 143, 152) }
```

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

```
.background{ background-color: rgb(251,  
143, 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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