

Converting Colors

$Y_{xy}(48.2781, 0.3905, 0.3164)$

Have a look what the booklet for
Yxy(48.2781, 0.3905, 0.3164)
contains.

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Color

Yxy(48.2458, 0.3904, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	FB9FAB
RGB	251, 159, 171
RGB Percent	98%, 62%, 67%
CMY	0.0157, 0.3764, 0.3294
CMYK	0.00, 0.37, 0.32, 0.02
HSL	352°, 92%, 80%
HSV	352°, 37%, 98%
XYZ	59.5296, 48.2458, 44.7082
YIQ	187.8760, 50.9800, 23.2360

Conversions

Conversions Part 2

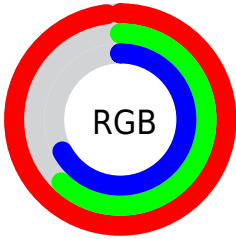
Format	Color
R _Y B	251, 159, 171
Decimal	16490411
CIE Lab	74.98, 35.64, 8.21
CIE LCh	75, 36.573, 12.971
Yxy	48.2458, 0.3904, 0.3164
Android (android.graphics.Color)	4294680491 (0xFFFB9FAB)
YUV	187.8760, -8.3199, 55.3597
Hunter-Lab	69.4592, 31.4287, 10.4588

Details

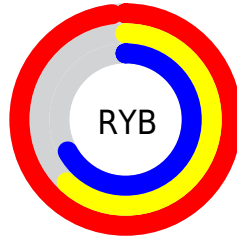
The Yxy color **48.2458, 0.3904, 0.3164** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.5893, 0.2669, 0.3425**, and the grayscale version is **50.2437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3519, 0.3346, 0.3180**, and **22.8464, 0.4121, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **39.7091, 0.4238, 0.3132**, and if you desaturate by 10%, it is **58.6770, 0.3629, 0.3199**.

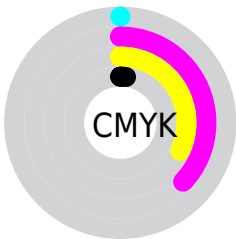
Distribution



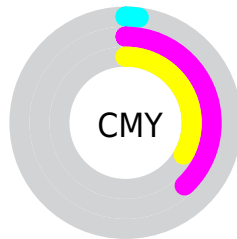
- Red (98%)
- Green (62%)
- Blue (67%)



- Red (98%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (37%)
- Yellow (32%)
- Black (2%)





- Cyan (2%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2458, 0.3904, 0.3164 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 48.2458, 0.3904, 0.3164 by changing the saturation by 10% instead.


 48.2458, 0.3904,
0.3164

 48.2458, 0.3904,
0.3164


379.7656, 0.3515,
0.3234

 34.0216, 0.4001,
0.3144


 87.5703, 0.3763,
0.3191

 22.9102, 0.4125,
0.3118


 113.4393, 0.3710,
0.3201

 14.5272, 0.4289,
0.3082


143.9587, 0.3665,
0.3209

 8.4882, 0.4517,
0.3027

179.5129, 0.3626,
0.3216

 4.4089, 0.4850,
0.2940

220.4863, 0.3593,
0.3221

 1.9048, 0.5380,
0.2783

267.2633, 0.3564,

 0.5513, 0.7251,

0.3226

0.2624

320.2283, 0.3538,
0.3230

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.2458, 0.3904,
0.3164

48.2458, 0.3904,
0.3164

39.7091, 0.4238,
0.3132

58.6770, 0.3629,
0.3199

32.9465, 0.4630,
0.3108

71.0997, 0.3406,
0.3235

27.8345, 0.5066,
0.3099

85.6127, 0.3226,
0.3269

24.2312, 0.5509,
0.3111

99.2467, 0.3102,
0.3290

■ 21.9701, 0.5904,
0.3148

■ 20.8431, 0.6192,
0.3206

■ 20.6151, 0.6262,
0.3223

Harmonies

Analogous

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



48.2458, 0.3454, 0.2813



48.2458, 0.3904, 0.3164



48.2458, 0.4128, 0.3563

Triad

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



48.2458, 0.3904, 0.3164



48.2458, 0.3250, 0.4164



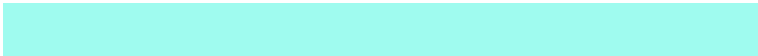
48.2458, 0.2262, 0.2587

Complementary

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



48.2458, 0.3904, 0.3164



82.5893, 0.2669, 0.3425

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.



48.2458, 0.2220, 0.2887



48.2458, 0.3904, 0.3164



48.2458, 0.2764, 0.3848

Square

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



48.2458, 0.3904, 0.3164



48.2458, 0.3725, 0.4176



48.2458, 0.2394, 0.3352



48.2458, 0.2514, 0.2485

Rectangle

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



48.2458, 0.3904, 0.3164



48.2458, 0.4112, 0.3820



48.2458, 0.2394, 0.3352



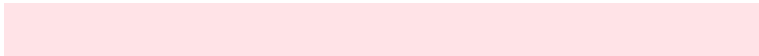
48.2458, 0.2224, 0.2665

Sweetspot

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



48.2481, 0.3904, 0.3164



81.9183, 0.3300, 0.3254



50.0675, 0.3068, 0.2352



17.0973, 0.3324, 0.3250



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.



48.2481, 0.3904, 0.3164



43.2942, 0.4145, 0.3140



61.0339, 0.3890, 0.3649



17.2621, 0.3273, 0.3259



10.8490, 0.6235, 0.3209



1.0160, 0.5970, 0.3062

Inverse Universe

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



48.2481, 0.3904, 0.3164



43.2942, 0.4145, 0.3140



64.0977, 0.2557, 0.2896



17.2621, 0.3273, 0.3259



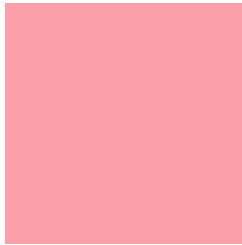
10.8490, 0.6235, 0.3209



1.0160, 0.5970, 0.3062

Previews

White Background



This preview shows how the Yxy color 48.2458, 0.3904, 0.3164 looks on a white background.

Color Contrast Check

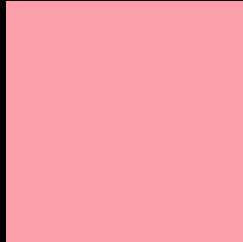
Large Text (above 18pt) WCAG AA × Fail

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 48.2458, 0.3904, 0.3164 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 48.2458, 0.3904, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 48.2458, 0.3904, 0.3164.



This preview shows how white text looks on a background with the Yxy color 48.2458, 0.3904, 0.3164.

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

48.2458, 0.3904, 0.3164

Protanopia

48.4751, 0.3153, 0.3277

Deuteranopia

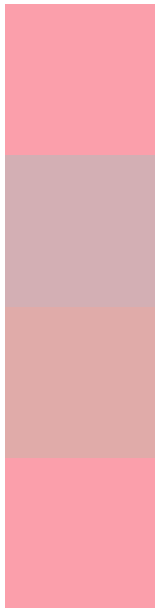
48.2233, 0.3489, 0.3414



Tritanopia

48.2458, 0.3904, 0.3164

Trichromacy



Original Color

48.2458, 0.3904, 0.3164

Protanomaly

47.8041, 0.3408, 0.3230

Deuteranomaly

47.8377, 0.3636, 0.3315

Tritanomaly

48.2458, 0.3904, 0.3164

Monochromacy



Original Color

48.2458, 0.3904, 0.3164

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

48.6706, 0.3387, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2458, 0.3904, 0.3164 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, 159, 171)` looks like.

```
.text, #text, p{  
    color:rgb(251, 159, 171)  
}
```

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, 159, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 159, 171) }
```

Border

The CSS property to change the border of an element to Yxy 48.2458, 0.3904, 0.3164 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, 159, 171) }
```

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

```
.border{ border-color:rgb(251, 159, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 159, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 159, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 159, 171);  
box-shadow:4px 4px 4px 4px rgb(251, 159,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2458, 0.3904, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 159, 171) }
```

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

```
.background{ background-color: rgb(251,  
159, 171) }
```

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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