

Converting Colors

$Yxy(48.7667, 0.3723, 0.3033)$

Have a look what the booklet for
Yxy(48.7667, 0.3723, 0.3033)
contains.

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Color

Yxy(48.7667, 0.3723, 0.3033)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F7A1B9 |
| RGB | 247, 161, 185 |
| RGB Percent | 97%, 63%, 73% |
| CMY | 0.0314, 0.3686, 0.2745 |
| CMYK | 0.00, 0.35, 0.25, 0.03 |
| HSL | 343°, 84%, 80% |
| HSV | 343°, 35%, 97% |
| XYZ | 59.8610, 48.7667, 52.1593 |
| YIQ | 189.4500, 43.5520, 25.6960 |

Conversions

Conversions Part 2

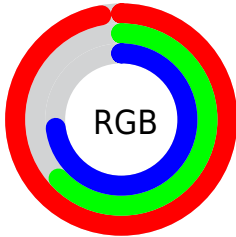
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 247, 161, 185 |
| Decimal | 16228793 |
| CIE Lab | 75.31, 35.03, 0.93 |
| CIE LCh | 75, 35.039, 1.527 |
| Yxy | 48.7667, 0.3723, 0.3033 |
| Android (android.graphics.Color) | 4294418873 (0xFF7A1B9) |
| YUV | 189.4500, -2.1938, 50.4714 |
| Hunter-Lab | 69.8332, 30.8022, 4.5987 |

Details

The Yxy color **48.7667, 0.3723, 0.3033** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **79.4295, 0.2753, 0.3568**, and the grayscale version is **51.1557, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2366, 0.3239, 0.3053**, and **23.2099, 0.3891, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **40.2662, 0.3984, 0.2960**, and if you desaturate by 10%, it is **59.0711, 0.3507, 0.3110**.

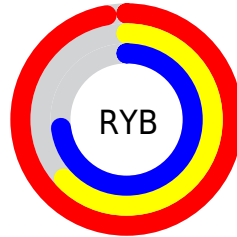
Distribution



Red (97%)

Green (63%)

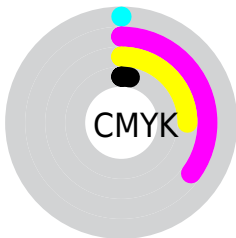
Blue (73%)



Red (97%)

Yellow (63%)

Blue (73%)

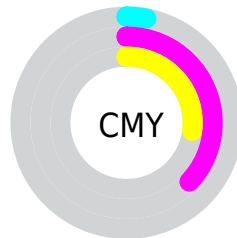


Cyan (0%)

Magenta (35%)

Yellow (25%)

Black (3%)



Cyan (3%)


Magenta (37%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.7667, 0.3723, 0.3033 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 48.7667, 0.3723, 0.3033 by changing the saturation by 10% instead.


 48.7667, 0.3723,
0.3033


 48.7667, 0.3723,
0.3033


381.8231, 0.3427,
0.3161

 34.4344, 0.3796,
0.3001


 88.3449, 0.3616,
0.3080

 23.2276, 0.3889,
0.2960


 114.3595, 0.3576,
0.3097

 14.7616, 0.4013,
0.2906


145.0372, 0.3542,
0.3112

 8.6523, 0.4183,
0.2831

180.7621, 0.3512,
0.3125

 4.5151, 0.4432,
0.2721

221.9188, 0.3487,
0.3136

 1.9657, 0.4830,
0.2543

268.8916, 0.3464,

 0.5874, 0.5720,

0.3145

0.2164

322.0649, 0.3445,
0.3154

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.7667, 0.3723,
0.3033

48.7667, 0.3723,
0.3033

40.2662, 0.3984,
0.2960

59.0711, 0.3507,
0.3110

33.4583, 0.4293,
0.2898

71.2684, 0.3330,
0.3185

28.2302, 0.4644,
0.2856

85.4499, 0.3186,
0.3257

24.4521, 0.5021,
0.2848

98.5149, 0.3078,
0.3290

■ 21.9735, 0.5396,
0.2882

■ 20.6102, 0.5730,
0.2961

■ 20.2038, 0.5879,
0.3012

Harmonies

Analogous

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



48.7667, 0.3251, 0.2728



48.7667, 0.3723, 0.3033



48.7667, 0.4033, 0.3407

Triad

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



48.7667, 0.3723, 0.3033



48.7667, 0.3428, 0.4161



48.7667, 0.2258, 0.2706

Complementary

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



48.7667, 0.3723, 0.3033



79.4295, 0.2753, 0.3568

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.



48.7667, 0.2297, 0.3063



48.7667, 0.3723, 0.3033



48.7667, 0.2951, 0.3965

Square

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



48.7667, 0.3723, 0.3033



48.7667, 0.3843, 0.4073



48.7667, 0.2542, 0.3537



48.7667, 0.2426, 0.2534

Rectangle

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



48.7667, 0.3723, 0.3033



48.7667, 0.4092, 0.3663



48.7667, 0.2542, 0.3537



48.7667, 0.2248, 0.2806

Sweetspot

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



48.7690, 0.3723, 0.3033



83.6678, 0.3257, 0.3220



47.8372, 0.2966, 0.2371



17.4550, 0.3278, 0.3210



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.



48.7690, 0.3723, 0.3033



45.6144, 0.3908, 0.2979



54.8445, 0.3889, 0.3494



16.5585, 0.3250, 0.3224



10.7054, 0.5836, 0.2989



0.9577, 0.5483, 0.2794

Inverse Universe

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



48.7690, 0.3723, 0.3033



45.6144, 0.3908, 0.2979



69.9842, 0.2606, 0.3074



16.5585, 0.3250, 0.3224



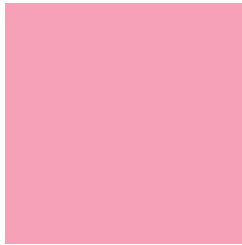
10.7054, 0.5836, 0.2989



0.9577, 0.5483, 0.2794

Previews

White Background



This preview shows how the Yxy color 48.7667, 0.3723, 0.3033 looks on a white background.

Color Contrast Check

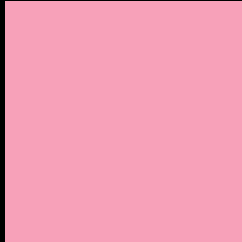
Large Text (above 18pt) WCAG AA × Fail

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 48.7667, 0.3723, 0.3033 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 48.7667, 0.3723, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 48.7667, 0.3723, 0.3033.



This preview shows how white text looks on a background with the Yxy color 48.7667, 0.3723, 0.3033.

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

48.7667, 0.3723, 0.3033

Protanopia

49.1357, 0.3021, 0.3114

Deuteranopia

48.9991, 0.3329, 0.3266



Tritanopia

48.8824, 0.3806, 0.3162

Trichromacy



Original Color

48.7667, 0.3723, 0.3033



Protanomaly

48.3556, 0.3260, 0.3074



Deuteranomaly

48.5217, 0.3467, 0.3173



Tritanomaly

48.6882, 0.3770, 0.3107

Monochromacy



Original Color

48.7667, 0.3723, 0.3033



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.5727, 0.3324, 0.3183

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7667, 0.3723, 0.3033 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(247, 161, 185)` looks like.

```
.text, #text, p{  
    color:rgb(247, 161, 185)  
}
```

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(247, 161, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 161, 185) }
```

Border

The CSS property to change the border of an element to Yxy 48.7667, 0.3723, 0.3033 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(247, 161, 185) }
```

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

```
.border{ border-color:rgb(247, 161, 185) }
```

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

Here you see how a box with a 4 pixel rgb(247, 161, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 161, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 161, 185);  
box-shadow:4px 4px 4px 4px rgb(247, 161,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7667, 0.3723, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 161, 185) }
```

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

```
.background{ background-color: rgb(247,  
161, 185) }
```

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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