

Converting Colors

$Y_{xy}(45.0950, 0.3697, 0.2852)$

Have a look what the booklet for
Yxy(45.0950, 0.3697, 0.2852)
contains.

Yxy(44.9868, 0.3703, 0.2853)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.9868, 0.3703, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	F795BE
RGB	247, 149, 190
RGB Percent	97%, 58%, 75%
CMY	0.0315, 0.4156, 0.2550
CMYK	0.00, 0.40, 0.23, 0.03
HSL	335°, 86%, 78%
HSV	335°, 40%, 97%
XYZ	58.3898, 44.9868, 54.3058
YIQ	182.9760, 45.2470, 33.5270

Conversions

Conversions Part 2

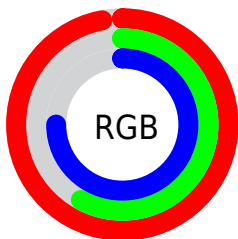
Format	Color
R _Y B	247, 149, 190
Decimal	16225726
CIE Lab	72.88, 41.93, -5.36
CIE LCh	73, 42.270, 352.713
Yxy	44.9868, 0.3703, 0.2853
Android (android.graphics.Color)	4294415806 (0xFFFF795BE)
YUV	182.9760, 3.4628, 56.1490
Hunter-Lab	67.0722, 38.0171, -1.0543

Details

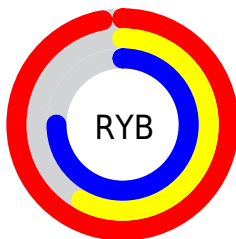
The Yxy color **44.9868, 0.3703, 0.2853** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **77.3541, 0.2777, 0.3783**, and the grayscale version is **47.3038, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5765, 0.3213, 0.2885**, and **20.9907, 0.3864, 0.2732** is the 20% darker color. If you saturate the color by 10%, you get **37.3859, 0.3925, 0.2748**, and if you desaturate by 10%, it is **54.3108, 0.3515, 0.2966**.

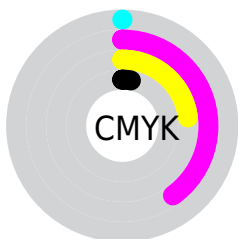
Distribution



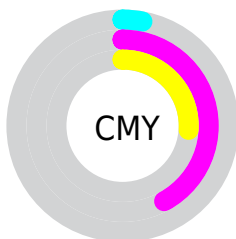
- Red (97%)
- Green (58%)
- Blue (75%)



- Red (97%)
- Yellow (58%)
- Blue (75%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (3%)





- Cyan (3%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9868, 0.3703, 0.2853 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 44.9868, 0.3703, 0.2853 by changing the saturation by 10% instead.


 44.9868, 0.3703,
0.2853

 44.9868, 0.3703,
0.2853


366.7201, 0.3417,
0.3067

 31.4470, 0.3774,
0.2801


 82.7006, 0.3599,
0.2930

 20.9395, 0.3864,
0.2735

 107.6434, 0.3560,
0.2959

 13.0798, 0.3984,
0.2650

137.1561, 0.3527,
0.2983

 7.4835, 0.4149,
0.2533

171.6229, 0.3499,
0.3005

 3.7663, 0.4392,
0.2365

211.4283, 0.3474,
0.3023

 1.5437, 0.4780,
0.2105

256.9567, 0.3453,

 0.3192, 0.5779,

0.3040

0.1293

308.5925, 0.3434,
0.3054

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.9868, 0.3703,
0.2853

44.9868, 0.3703,
0.2853

37.3859, 0.3925,
0.2748

54.3108, 0.3515,
0.2966

31.3943, 0.4180,
0.2660

65.4496, 0.3359,
0.3080

26.8946, 0.4464,
0.2603

78.4960, 0.3230,
0.3190

23.7500, 0.4764,
0.2589

93.5344, 0.3124,
0.3293

■ 21.7984, 0.5061,
0.2628

■ 98.5091, 0.3078,
0.3290

■ 20.7817, 0.5338,
0.2716

■ 20.7534, 0.5347,
0.2719

Harmonies

Analogous

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



44.9868, 0.3094, 0.2529



44.9868, 0.3703, 0.2853



44.9868, 0.4171, 0.3281

Triad

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



44.9868, 0.3703, 0.2853



44.9868, 0.3650, 0.4376



44.9868, 0.2061, 0.2669

Complementary

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



44.9868, 0.3703, 0.2853



77.3541, 0.2777, 0.3783

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.



44.9868, 0.2177, 0.3161



44.9868, 0.3703, 0.2853



44.9868, 0.3069, 0.4254

Square

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



44.9868, 0.3703, 0.2853



44.9868, 0.4115, 0.4152



44.9868, 0.2533, 0.3774



44.9868, 0.2190, 0.2404

Rectangle

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



44.9868, 0.3703, 0.2853



44.9868, 0.4311, 0.3590



44.9868, 0.2533, 0.3774



44.9868, 0.2072, 0.2810

Sweetspot

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



44.9889, 0.3703, 0.2853



80.9123, 0.3258, 0.3164



41.1292, 0.2814, 0.2201



16.9140, 0.3274, 0.3150



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.



44.9889, 0.3703, 0.2853



41.3768, 0.3887, 0.2764



45.5681, 0.4103, 0.3364



16.5975, 0.3228, 0.3191



11.0054, 0.5305, 0.2696



0.9873, 0.4982, 0.2518

Inverse Universe

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



44.9889, 0.3703, 0.2853



41.3768, 0.3887, 0.2764



75.6868, 0.2567, 0.3213



16.5975, 0.3228, 0.3191



11.0054, 0.5305, 0.2696



0.9873, 0.4982, 0.2518

Previews

White Background



This preview shows how the Yxy color 44.9868, 0.3703, 0.2853 looks on a white background.

Color Contrast Check

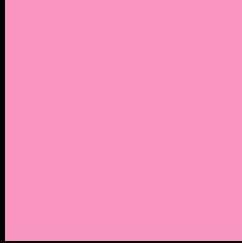
Large Text (above 18pt) WCAG AA × Fail

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 44.9868, 0.3703, 0.2853 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 44.9868, 0.3703, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 44.9868, 0.3703, 0.2853.

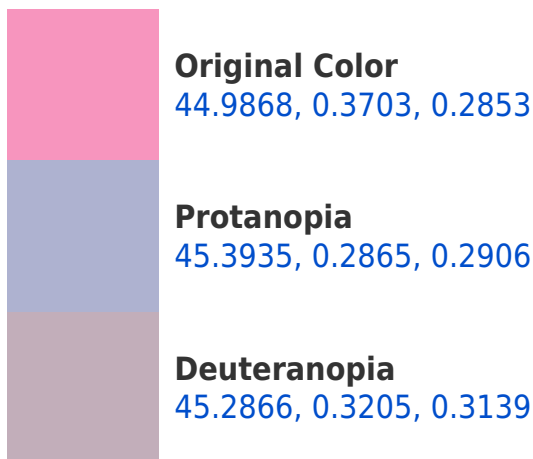


This preview shows how white text looks on a background with the Yxy color 44.9868, 0.3703, 0.2853.

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

45.0609, 0.3917, 0.3172

Trichromacy



Original Color

44.9868, 0.3703, 0.2853



Protanomaly

44.2720, 0.3147, 0.2875



Deuteranomaly

44.6443, 0.3380, 0.3026



Tritanomaly

44.9249, 0.3840, 0.3052

Monochromacy



Original Color

44.9868, 0.3703, 0.2853



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.7928, 0.3316, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9868, 0.3703, 0.2853 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, 149, 190)` looks like.

```
.text, #text, p{  
    color:rgb(247, 149, 190)  
}
```

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, 149, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 149, 190) }
```

Border

The CSS property to change the border of an element to Yxy 44.9868, 0.3703, 0.2853 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, 149, 190) }
```

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

```
.border{ border-color:rgb(247, 149, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 149, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 149, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 149, 190);  
box-shadow:4px 4px 4px 4px rgb(247, 149,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9868, 0.3703, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 149, 190) }
```

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

```
.background{ background-color: rgb(247,  
149, 190) }
```

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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