

Converting Colors

$Y_{xy}(47.7035, 0.3792, 0.2766)$

Have a look what the booklet for
Yxy(47.7035, 0.3792, 0.2766)
contains.

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Color

Yxy(45.8950, 0.3703, 0.2754)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF92C6 |
| RGB | 255, 146, 198 |
| RGB Percent | 100%, 57%, 78% |
| CMY | 0.0001, 0.4274, 0.2235 |
| CMYK | 0.00, 0.43, 0.22, 0.00 |
| HSL | 331°, 100%, 79% |
| HSV | 331°, 43%, 100% |
| XYZ | 61.7099, 45.8950, 59.0436 |
| YIQ | 184.5190, 48.2720, 39.2800 |

Conversions

Conversions Part 2

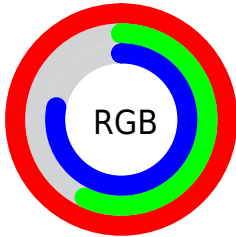
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 255, 146, 198 |
| Decimal | 16749254 |
| CIE _{Lab} | 73.48, 47.28, -8.82 |
| CIE _{LCh} | 73, 48.092, 349.431 |
| Yxy | 45.8950, 0.3703, 0.2754 |
| Android (android.graphics.Color) | 4294939334 (0xFFFF92C6) |
| YUV | 184.5190, 6.6461, 61.8118 |
| Hunter-Lab | 67.7458, 44.0411, -4.2518 |

Details

The Yxy color $45.8950, 0.3703, 0.2754$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $81.9346, 0.2786, 0.3910$, and the grayscale version is $48.1796, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.7211, 0.3151, 0.2772$, and $21.4037, 0.3863, 0.2614$ is the 20% darker color. If you saturate the color by 10%, you get $38.3040, 0.3908, 0.2639$, and if you desaturate by 10%, it is $55.2974, 0.3527, 0.2881$.

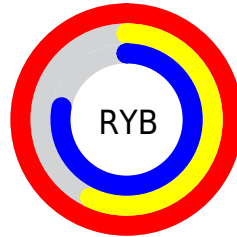
Distribution



Red (100%)

Green (57%)

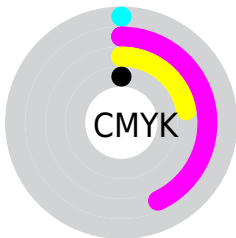
Blue (78%)



Red (100%)

Yellow (57%)

Blue (78%)

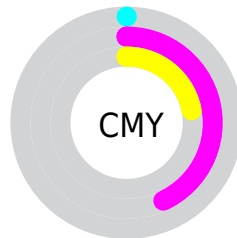


Cyan (0%)

Magenta (43%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (43%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.8950, 0.3703, 0.2754 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 45.8950, 0.3703, 0.2754 by changing the saturation by 10% instead.


 45.8950, 0.3703,
0.2754

 45.8950, 0.3703,
0.2754

370.3864, 0.3420,
0.3012

 32.1630, 0.3772,
0.2693


 84.0618, 0.3601,
0.2845

 21.4860, 0.3859,
0.2616


 109.2654, 0.3563,
0.2880

 13.4797, 0.3974,
0.2516


139.0617, 0.3530,
0.2910

 7.7597, 0.4130,
0.2383

173.8349, 0.3502,
0.2936

 3.9416, 0.4356,
0.2197

213.9697, 0.3478,
0.2959

 1.6409, 0.4708,
0.1918

259.8502, 0.3456,

 0.3850, 0.5471,

0.2978

311.8610, 0.3437,
0.2996

0.1226

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.8950, 0.3703,
0.2754

45.8950, 0.3703,
0.2754

38.3040, 0.3908,
0.2639

55.2974, 0.3527,
0.2881

32.3987, 0.4141,
0.2545

66.6132, 0.3378,
0.3010

28.0472, 0.4395,
0.2487

79.9441, 0.3254,
0.3137

25.0953, 0.4660,
0.2476

95.3830, 0.3152,
0.3258

■ 23.3559, 0.4920,
0.2521

99.9975, 0.3127,
0.3290

■ 22.6550, 0.5100,
0.2583

Harmonies

Analogous

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



45.8950, 0.3011, 0.2415



45.8950, 0.3703, 0.2754



45.8950, 0.4265, 0.3215

Triad

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



45.8950, 0.3703, 0.2754



45.8950, 0.3770, 0.4504



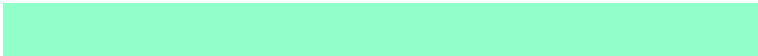
45.8950, 0.1942, 0.2633

Complementary

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



45.8950, 0.3703, 0.2754



81.9346, 0.2786, 0.3910

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.



45.8950, 0.2095, 0.3208



45.8950, 0.3703, 0.2754



45.8950, 0.3124, 0.4431

Square

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



45.8950, 0.3703, 0.2754



45.8950, 0.4273, 0.4201



45.8950, 0.2513, 0.3915



45.8950, 0.2055, 0.2318

Rectangle

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



45.8950, 0.3703, 0.2754



45.8950, 0.4450, 0.3554



45.8950, 0.2513, 0.3915



45.8950, 0.1963, 0.2798

Sweetspot

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



45.8972, 0.3703, 0.2754



79.5766, 0.3257, 0.3134



40.3814, 0.2738, 0.2095



16.3673, 0.3283, 0.3106



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.



45.8972, 0.3703, 0.2754



39.5031, 0.3871, 0.2657



44.4593, 0.4246, 0.3312



18.1315, 0.3219, 0.3177



11.8689, 0.5061, 0.2562



1.1775, 0.4794, 0.2415

Inverse Universe

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



45.8972, 0.3703, 0.2754



39.5031, 0.3871, 0.2657



83.6896, 0.2541, 0.3268



18.1315, 0.3219, 0.3177



11.8689, 0.5061, 0.2562



1.1775, 0.4794, 0.2415

Previews

White Background



This preview shows how the Yxy color 45.8950, 0.3703, 0.2754 looks on a white background.

Color Contrast Check

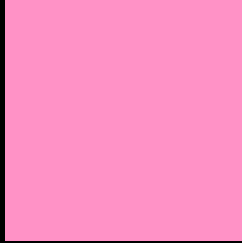
Large Text (above 18pt) WCAG AA × Fail

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 45.8950, 0.3703, 0.2754 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 45.8950, 0.3703, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 45.8950, 0.3703, 0.2754.



This preview shows how white text looks on a background with the Yxy color 45.8950, 0.3703, 0.2754.

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

45.8950, 0.3703, 0.2754

Protanopia

46.1782, 0.2767, 0.2775

Deuteranopia

46.2384, 0.3137, 0.3077



Tritanopia

45.6460, 0.4001, 0.3164

Trichromacy



Original Color

45.8950, 0.3703, 0.2754



Protanomaly

44.9475, 0.3065, 0.2752



Deuteranomaly

45.4493, 0.3336, 0.2937



Tritanomaly

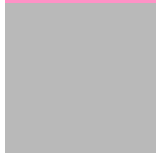
45.6427, 0.3892, 0.3016

Monochromacy



Original Color

45.8950, 0.3703, 0.2754



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

46.5452, 0.3318, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.8950, 0.3703, 0.2754 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(255, 146, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 198)  
}
```

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(255, 146, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 198) }
```

Border

The CSS property to change the border of an element to Yxy 45.8950, 0.3703, 0.2754 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(255, 146, 198) }
```

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

```
.border{ border-color:rgb(255, 146, 198) }
```

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

Here you see how a box with a 4 pixel rgb(255, 146, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 45.8950, 0.3703, 0.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 198) }
```

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

```
.background{ background-color: rgb(255,  
146, 198) }
```

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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