

Converting Colors

$Y_{xy}(43.9070, 0.3725, 0.2697)$

Have a look what the booklet for
Yxy(43.9070, 0.3725, 0.2697)
contains.

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Color

Yxy(44.0474, 0.3727, 0.2704)

Conversions

Conversions Part 1

Format	Color
Hex	FF8CC5
RGB	255, 140, 197
RGB Percent	100%, 55%, 77%
CMY	0.0000, 0.4511, 0.2274
CMYK	0.00, 0.45, 0.23, 0.00
HSL	330°, 100%, 77%
HSV	330°, 45%, 100%
XYZ	60.7118, 44.0474, 58.1380
YIQ	180.8830, 50.2430, 42.1070

Conversions

Conversions Part 2

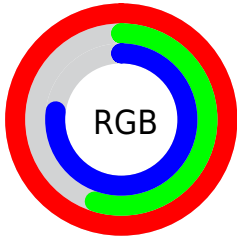
Format	Color
R_{YB}	255, 140, 197
Decimal	16747717
CIE _{Lab}	72.26, 50.18, -10.08
CIE _{LCh}	72, 51.179, 348.639
Yxy	44.0474, 0.3727, 0.2704
Android (android.graphics.Color)	4294937797 (0xFFFF8CC5)
YUV	180.8830, 7.9457, 65.0006
Hunter-Lab	66.3682, 47.1424, -5.4798

Details

The Yxy color **44.0474, 0.3727, 0.2704** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.1678, 0.2782, 0.3979**, and the grayscale version is **46.0686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8956, 0.3161, 0.2721**, and **20.3745, 0.3896, 0.2556** is the 20% darker color. If you saturate the color by 10%, you get **36.8689, 0.3930, 0.2588**, and if you desaturate by 10%, it is **52.9874, 0.3551, 0.2833**.

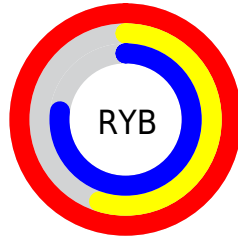
Distribution



Red (100%)

Green (55%)

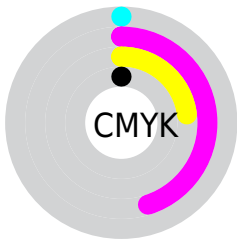
Blue (77%)



Red (100%)

Yellow (55%)

Blue (77%)

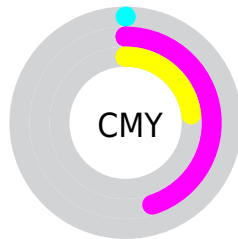


Cyan (0%)

Magenta (45%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (45%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0474, 0.3727, 0.2704 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 44.0474, 0.3727, 0.2704 by changing the saturation by 10% instead.

 44.0474, 0.3727,
0.2704


 44.0474, 0.3727,
0.2704


362.9017, 0.3432,
0.2986

 30.7078, 0.3799,
0.2637


 81.2891, 0.3621,
0.2804

 20.3764, 0.3891,
0.2553


 105.9599, 0.3581,
0.2842

 12.6690, 0.4011,
0.2444


135.1766, 0.3546,
0.2875

 7.2010, 0.4176,
0.2298

169.3235, 0.3517,
0.2903

 3.5881, 0.4414,
0.2093

208.7851, 0.3491,
0.2928

 1.4459, 0.4786,
0.1789

253.9457, 0.3469,

 0.2502, 0.5701,

0.2950

0.0876

305.1898, 0.3449,
0.2969

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.0474, 0.3727,
0.2704

■ 44.0474, 0.3727,
0.2704

■ 36.8689, 0.3930,
0.2588

■ 52.9874, 0.3551,
0.2833

■ 31.3523, 0.4158,
0.2498

■ 63.8219, 0.3401,
0.2968

■ 27.3520, 0.4404,
0.2445

■ 76.6451, 0.3276,
0.3100

■ 24.7076, 0.4657,
0.2443

■ 91.5512, 0.3173,
0.3228

■ 23.2213, 0.4903,
0.2497

100.0000, 0.3127,
0.3290

■ 22.7786, 0.5019,
0.2538

Harmonies

Analogous

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



44.0474, 0.2980, 0.2349



44.0474, 0.3727, 0.2704



44.0474, 0.4343, 0.3188

Triad

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



44.0474, 0.3727, 0.2704



44.0474, 0.3826, 0.4593



44.0474, 0.1863, 0.2592

Complementary

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



44.0474, 0.3727, 0.2704



81.1678, 0.2782, 0.3979

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.



44.0474, 0.2030, 0.3215



44.0474, 0.3727, 0.2704



44.0474, 0.3135, 0.4539

Square

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



44.0474, 0.3727, 0.2704



44.0474, 0.4364, 0.4245



44.0474, 0.2479, 0.3987



44.0474, 0.1976, 0.2254

Rectangle

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



44.0474, 0.3727, 0.2704



44.0474, 0.4549, 0.3547



44.0474, 0.2479, 0.3987



44.0474, 0.1887, 0.2770

Sweetspot

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



44.0399, 0.3727, 0.2704



78.1945, 0.3264, 0.3115



37.9036, 0.2694, 0.2019



16.0969, 0.3289, 0.3087



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.



44.0399, 0.3727, 0.2704



37.5806, 0.3906, 0.2600



41.9003, 0.4351, 0.3294



18.1373, 0.3216, 0.3173



11.9324, 0.4982, 0.2518



1.1838, 0.4725, 0.2377

Inverse Universe

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



44.0399, 0.3727, 0.2704



37.5806, 0.3906, 0.2600



84.3129, 0.2520, 0.3288



18.1373, 0.3216, 0.3173



11.9324, 0.4982, 0.2518



1.1838, 0.4725, 0.2377

Previews

White Background



This preview shows how the Yxy color 44.0474, 0.3727, 0.2704 looks on a white background.

Color Contrast Check

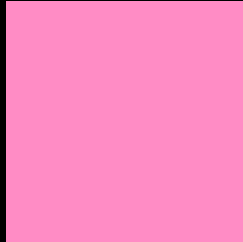
Large Text (above 18pt) WCAG AA × Fail

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 44.0474, 0.3727, 0.2704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

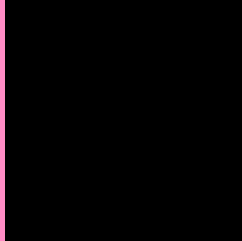
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0474, 0.3727, 0.2704

Background



This preview shows how black text looks on a background with the Yxy color 44.0474, 0.3727, 0.2704.



This preview shows how white text looks on a background with the Yxy color 44.0474, 0.3727, 0.2704.

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

44.0474, 0.3727, 0.2704

Protanopia

44.4866, 0.2720, 0.2718

Deuteranopia

44.3401, 0.3112, 0.3060



Tritanopia

43.8453, 0.4084, 0.3176

Trichromacy



Original Color

44.0474, 0.3727, 0.2704



Protanomaly

43.0900, 0.3040, 0.2699



Deuteranomaly

43.3370, 0.3322, 0.2907



Tritanomaly

43.6205, 0.3954, 0.2996

Monochromacy



Original Color

44.0474, 0.3727, 0.2704



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.2702, 0.3333, 0.3035

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0474, 0.3727, 0.2704 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, 140, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 197)  
}
```

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, 140, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 197) }
```

Border

The CSS property to change the border of an element to Yxy 44.0474, 0.3727, 0.2704 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, 140, 197) }
```

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

```
.border{ border-color:rgb(255, 140, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0474, 0.3727, 0.2704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 197) }
```

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

```
.background{ background-color: rgb(255,  
140, 197) }
```

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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