

Converting Colors

$Y_{xy}(77.0337, 0.4765, 0.2974)$

Have a look what the booklet for
Yxy(77.0337, 0.4765, 0.2974)
contains.

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Color

Yxy(44.7552, 0.3762, 0.2774)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FC1
RGB	255, 143, 193
RGB Percent	100%, 56%, 76%
CMY	0.0000, 0.4393, 0.2432
CMYK	0.00, 0.44, 0.24, 0.00
HSL	333°, 100%, 78%
HSV	333°, 44%, 100%
XYZ	60.6954, 44.7552, 55.8875
YIQ	182.1880, 50.7020, 39.2940

Conversions

Conversions Part 2

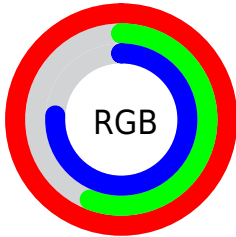
Format	Color
R_{YB}	255, 143, 193
Decimal	16748481
CIE _{Lab}	72.73, 48.11, -7.15
CIE _{LCh}	73, 48.638, 351.547
Yxy	44.7552, 0.3762, 0.2774
Android (android.graphics.Color)	4294938561 (0xFFFF8FC1)
YUV	182.1880, 5.3303, 63.8561
Hunter-Lab	66.8993, 44.8730, -2.7012

Details

The Yxy color $44.7552, 0.3762, 0.2774$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $81.7663, 0.2762, 0.3887$, and the grayscale version is $46.8318, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.9464, 0.3195, 0.2797$, and $20.7740, 0.3932, 0.2629$ is the 20% darker color. If you saturate the color by 10%, you get $37.3467, 0.3985, 0.2668$, and if you desaturate by 10%, it is $53.9568, 0.3570, 0.2892$.

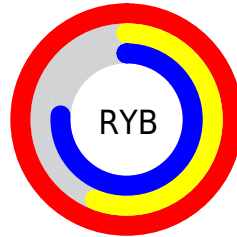
Distribution



Red (100%)

Green (56%)

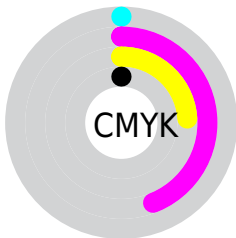
Blue (76%)



Red (100%)

Yellow (56%)

Blue (76%)

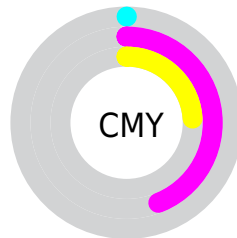


Cyan (0%)

Magenta (44%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7552, 0.3762, 0.2774 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 44.7552, 0.3762, 0.2774 by changing the saturation by 10% instead.


 44.7552, 0.3762,
0.2774


 44.7552, 0.3762,
0.2774


365.7812, 0.3448,
0.3025

 31.2647, 0.3839,
0.2714

 82.3529, 0.3649,
0.2863

 20.8005, 0.3938,
0.2638


 107.2289, 0.3606,
0.2897

 12.9782, 0.4068,
0.2539


136.6688, 0.3569,
0.2926

 7.4136, 0.4246,
0.2406

171.0571, 0.3538,
0.2951

 3.7221, 0.4506,
0.2218

210.7780, 0.3511,
0.2973

 1.5193, 0.4916,
0.1932

256.2161, 0.3487,

 0.3023, 0.5898,

0.2992

0.1096

307.7557, 0.3466,
0.3009

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.7552, 0.3762,
0.2774

44.7552, 0.3762,
0.2774

37.3467, 0.3985,
0.2668

53.9568, 0.3570,
0.2892

31.6204, 0.4238,
0.2585

65.0715, 0.3409,
0.3014

27.4367, 0.4513,
0.2539

78.1968, 0.3275,
0.3133

24.6378, 0.4798,
0.2541

93.4267, 0.3165,
0.3247

■ 23.0310, 0.5073,
0.2599

100.0000, 0.3127,
0.3290

■ 22.4712, 0.5232,
0.2656

Harmonies

Analogous

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



44.7552, 0.3056, 0.2419



44.7552, 0.3762, 0.2774



44.7552, 0.4316, 0.3247

Triad

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



44.7552, 0.3762, 0.2774



44.7552, 0.3736, 0.4538



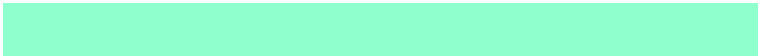
44.7552, 0.1921, 0.2588

Complementary

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



44.7552, 0.3762, 0.2774



81.7663, 0.2762, 0.3887

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.



44.7552, 0.2057, 0.3157



44.7552, 0.3762, 0.2774



44.7552, 0.3075, 0.4432

Square

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



44.7552, 0.3762, 0.2774



44.7552, 0.4266, 0.4245



44.7552, 0.2463, 0.3879



44.7552, 0.2055, 0.2288

Rectangle

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



44.7552, 0.3762, 0.2774



44.7552, 0.4485, 0.3592



44.7552, 0.2463, 0.3879



44.7552, 0.1936, 0.2749

Sweetspot

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



44.7518, 0.3762, 0.2774



79.5168, 0.3264, 0.3144



39.7834, 0.2754, 0.2070



16.3525, 0.3291, 0.3118



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.



44.7518, 0.3762, 0.2774



37.9597, 0.3963, 0.2677



44.6083, 0.4274, 0.3352



18.1219, 0.3224, 0.3184



11.7707, 0.5191, 0.2633



1.1677, 0.4909, 0.2478

Inverse Universe

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



44.7518, 0.3762, 0.2774



37.9597, 0.3963, 0.2677



81.0573, 0.2521, 0.3225



18.1219, 0.3224, 0.3184



11.7707, 0.5191, 0.2633



1.1677, 0.4909, 0.2478

Previews

White Background



This preview shows how the Yxy color 44.7552, 0.3762, 0.2774 looks on a white background.

Color Contrast Check

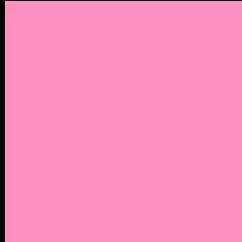
Large Text (above 18pt) WCAG AA × Fail

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 44.7552, 0.3762, 0.2774 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

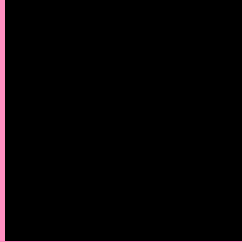
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7552, 0.3762, 0.2774

Background



This preview shows how black text looks on a background with the Yxy color 44.7552, 0.3762, 0.2774.



This preview shows how white text looks on a background with the Yxy color 44.7552, 0.3762, 0.2774.

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

44.7552, 0.3762, 0.2774

Protanopia

45.0085, 0.2792, 0.2806

Deuteranopia

45.1094, 0.3171, 0.3113



Tritanopia

44.7284, 0.4064, 0.3176

Trichromacy



Original Color

44.7552, 0.3762, 0.2774



Protanomaly

43.9718, 0.3106, 0.2783



Deuteranomaly

44.3592, 0.3375, 0.2969



Tritanomaly

44.7286, 0.3953, 0.3028

Monochromacy



Original Color

44.7552, 0.3762, 0.2774



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.1057, 0.3348, 0.3072

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7552, 0.3762, 0.2774 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, 143, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 193)  
}
```

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, 143, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 193) }
```

Border

The CSS property to change the border of an element to Yxy 44.7552, 0.3762, 0.2774 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, 143, 193) }
```

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

```
.border{ border-color:rgb(255, 143, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7552, 0.3762, 0.2774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 193) }
```

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

```
.background{ background-color: rgb(255,  
143, 193) }
```

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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