

Converting Colors

Yxy(53.0772, 0.4155, 0.2814)

Have a look what the booklet for
Yxy(53.0772, 0.4155, 0.2814)
contains.

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Color

Yxy(43.6203, 0.3760, 0.2724)

Conversions

Conversions Part 1

Format	Color
Hex	FF8BC2
RGB	255, 139, 194
RGB Percent	100%, 55%, 76%
CMY	0.0000, 0.4549, 0.2391
CMYK	0.00, 0.45, 0.24, 0.00
HSL	332°, 100%, 77%
HSV	332°, 45%, 100%
XYZ	60.2101, 43.6203, 56.3029
YIQ	179.9540, 51.4810, 41.6970

Conversions

Conversions Part 2

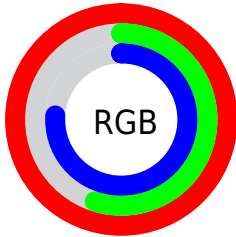
Format	Color
R _Y B	255, 139, 194
Decimal	16747458
CIE Lab	71.97, 50.22, -8.85
CIE LCh	72, 50.994, 350.006
Yxy	43.6203, 0.3760, 0.2724
Android (android.graphics.Color)	4294937538 (0xFFFF8BC2)
YUV	179.9540, 6.9247, 65.8153
Hunter-Lab	66.0457, 47.1485, -4.3118

Details

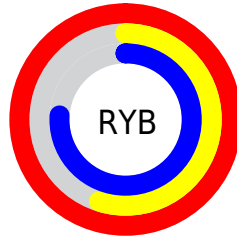
The Yxy color **43.6203, 0.3760, 0.2724** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.1720, 0.2768, 0.3954**, and the grayscale version is **45.5597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1923, 0.3191, 0.2748**, and **20.1262, 0.3945, 0.2582** is the 20% darker color. If you saturate the color by 10%, you get **36.5035, 0.3975, 0.2614**, and if you desaturate by 10%, it is **52.5175, 0.3575, 0.2848**.

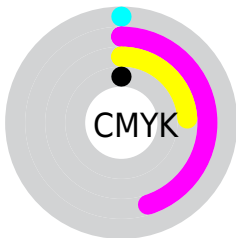
Distribution



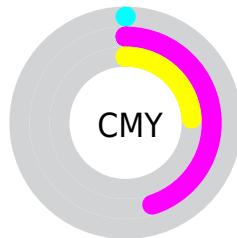
- Red (100%)
- Green (55%)
- Blue (76%)



- Red (100%)
- Yellow (55%)
- Blue (76%)



- Cyan (0%)
- Magenta (45%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6203, 0.3760, 0.2724 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 43.6203, 0.3760, 0.2724 by changing the saturation by 10% instead.


 43.6203, 0.3760,
0.2724


 43.6203, 0.3760,
0.2724


361.1566, 0.3447,
0.2998


 30.3721, 0.3837,
0.2658


 80.6461, 0.3647,
0.2822

 20.1212, 0.3935,
0.2576


 105.1925, 0.3604,
0.2859

 12.4832, 0.4064,
0.2469

 134.2737, 0.3568,
0.2891

 7.0736, 0.4242,
0.2325

168.2742, 0.3537,
0.2918

 3.5082, 0.4500,
0.2121

207.5783, 0.3510,
0.2942

 1.4025, 0.4906,
0.1816

252.5705, 0.3486,

 0.2185, 0.5956,

0.2963

0.0822

303.6351, 0.3465,
0.2982

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.6203, 0.3760,
0.2724

43.6203, 0.3760,
0.2724

36.5035, 0.3975,
0.2614

52.5175, 0.3575,
0.2848

31.0378, 0.4216,
0.2530

63.2998, 0.3418,
0.2977

27.0866, 0.4476,
0.2484

76.0713, 0.3287,
0.3104

24.4880, 0.4743,
0.2489

90.9267, 0.3178,
0.3226

■ 23.0423, 0.5000,
0.2549

99.9981, 0.3127,
0.3290

■ 22.6378, 0.5112,
0.2590

Harmonies

Analogous

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



43.6203, 0.3013, 0.2362



43.6203, 0.3760, 0.2724



43.6203, 0.4363, 0.3212

Triad

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



43.6203, 0.3760, 0.2724



43.6203, 0.3796, 0.4600



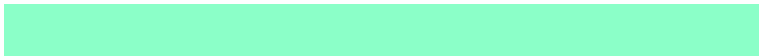
43.6203, 0.1863, 0.2571

Complementary

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



43.6203, 0.3760, 0.2724



81.1720, 0.2768, 0.3954

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.



43.6203, 0.2016, 0.3181



43.6203, 0.3760, 0.2724



43.6203, 0.3103, 0.4524

Square

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



43.6203, 0.3760, 0.2724



43.6203, 0.4345, 0.4265



43.6203, 0.2453, 0.3953



43.6203, 0.1988, 0.2245

Rectangle

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



43.6203, 0.3760, 0.2724



43.6203, 0.4555, 0.3572



43.6203, 0.2453, 0.3953



43.6203, 0.1882, 0.2744

Sweetspot

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



43.6224, 0.3760, 0.2724



78.1496, 0.3269, 0.3122



37.8201, 0.2705, 0.2013



16.0860, 0.3295, 0.3095



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.



43.6224, 0.3760, 0.2724



36.8124, 0.3963, 0.2619



42.1551, 0.4356, 0.3314



18.1306, 0.3219, 0.3178



11.8595, 0.5073, 0.2568



1.1766, 0.4805, 0.2421

Inverse Universe

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



43.6224, 0.3760, 0.2724



36.8124, 0.3963, 0.2619



82.9957, 0.2513, 0.3266



18.1306, 0.3219, 0.3178



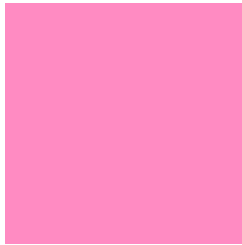
11.8595, 0.5073, 0.2568



1.1766, 0.4805, 0.2421

Previews

White Background



This preview shows how the Yxy color 43.6203, 0.3760, 0.2724 looks on a white background.

Color Contrast Check

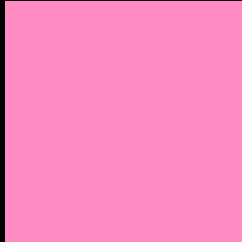
Large Text (above 18pt) WCAG AA × Fail

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 43.6203, 0.3760, 0.2724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

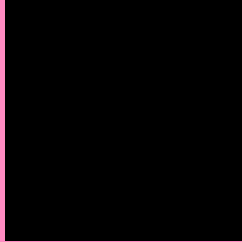
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6203, 0.3760, 0.2724

Background



This preview shows how black text looks on a background with the Yxy color 43.6203, 0.3760, 0.2724.



This preview shows how white text looks on a background with the Yxy color 43.6203, 0.3760, 0.2724.

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

43.6203, 0.3760, 0.2724

Protanopia

43.9374, 0.2739, 0.2740

Deuteranopia

43.9547, 0.3146, 0.3085



Tritanopia

43.5013, 0.4099, 0.3176

Trichromacy



Original Color

43.6203, 0.3760, 0.2724



Protanomaly

42.5862, 0.3064, 0.2720



Deuteranomaly

43.0055, 0.3360, 0.2931



Tritanomaly

43.2426, 0.3979, 0.3007

Monochromacy



Original Color

43.6203, 0.3760, 0.2724



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.6784, 0.3343, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6203, 0.3760, 0.2724 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, 139, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 139, 194)  
}
```

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, 139, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 139, 194) }
```

Border

The CSS property to change the border of an element to Yxy 43.6203, 0.3760, 0.2724 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, 139, 194) }
```

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

```
.border{ border-color:rgb(255, 139, 194) }
```

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

Here you see how a box with a 4 pixel rgb(255, 139, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 139, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 139, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 139,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6203, 0.3760, 0.2724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 139, 194) }
```

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

```
.background{ background-color: rgb(255,  
139, 194) }
```

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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