

Converting Colors

$Y_{xy}(43.6218, 0.3580, 0.2522)$

Have a look what the booklet for
Yxy(43.6218, 0.3580, 0.2522)
contains.

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Color

Yxy(43.6218, 0.3580, 0.2522)

Conversions

Conversions Part 1

Format	Color
Hex	FF88D4
RGB	255, 136, 212
RGB Percent	100%, 53%, 83%
CMY	0.0000, 0.4666, 0.1688
CMYK	0.00, 0.47, 0.17, 0.00
HSL	322°, 100%, 77%
HSV	322°, 47%, 100%
XYZ	61.9215, 43.6218, 67.4218
YIQ	180.2450, 46.5280, 48.8640

Conversions

Conversions Part 2

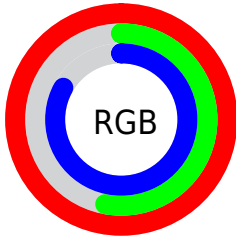
Format	Color
R _{YB}	255, 136, 212
Decimal	16746708
CIE Lab	71.97, 54.25, -18.79
CIE LCh	72, 57.407, 340.897
Yxy	43.6218, 0.3580, 0.2522
Android (android.graphics.Color)	4294936788 (0xFFFF88D4)
YUV	180.2450, 15.6552, 65.5601
Hunter-Lab	66.0468, 51.7690, -14.2916

Details

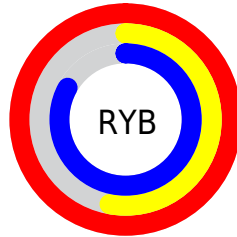
The Yxy color **43.6218, 0.3580, 0.2522** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **80.0058, 0.2855, 0.4226**, and the grayscale version is **45.6779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1793, 0.3156, 0.2673**, and **20.0549, 0.3699, 0.2334** is the 20% darker color. If you saturate the color by 10%, you get **36.8224, 0.3721, 0.2378**, and if you desaturate by 10%, it is **52.1601, 0.3455, 0.2683**.

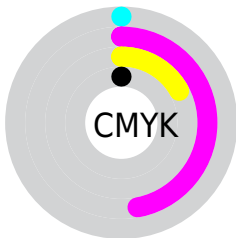
Distribution



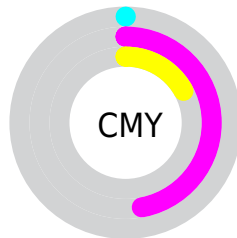
- Red (100%)
- Green (53%)
- Blue (83%)



- Red (100%)
- Yellow (53%)
- Blue (83%)



- Cyan (0%)
- Magenta (47%)
- Yellow (17%)
- Black (0%)




- Cyan (0%)
- Magenta (47%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6218, 0.3580, 0.2522 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 43.6218, 0.3580, 0.2522 by changing the saturation by 10% instead.


 43.6218, 0.3580,
0.2522


 43.6218, 0.3580,
0.2522


361.1627, 0.3364,
0.2883


 30.3733, 0.3631,
0.2438


 80.6483, 0.3504,
0.2648

 20.1221, 0.3694,
0.2335


 105.1952, 0.3475,
0.2697

 12.4838, 0.3775,
0.2203


 134.2769, 0.3450,
0.2739

 7.0741, 0.3883,
0.2031

168.2779, 0.3428,
0.2776

 3.5085, 0.4032,
0.1797

207.5826, 0.3409,
0.2808

 1.4026, 0.4249,
0.1467

252.5754, 0.3392,

 0.2186, 0.4781,

0.2836

0.0601

303.6406, 0.3377,
0.2861

0.0000, 0.5809,
0.0000

0.0000, 0.0000,
0.0000

43.6218, 0.3580,
0.2522

43.6218, 0.3580,
0.2522

36.8224, 0.3721,
0.2378

52.1601, 0.3455,
0.2683

31.6323, 0.3874,
0.2262

62.5426, 0.3345,
0.2852

27.9135, 0.4037,
0.2187

74.8733, 0.3252,
0.3021

25.5019, 0.4201,
0.2162

89.2467, 0.3173,
0.3185

■ 24.1913, 0.4361,
0.2189

99.9981, 0.3127,
0.3290

■ 23.8945, 0.4414,
0.2205

Harmonies

Analogous

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



43.6218, 0.2757, 0.2184



43.6218, 0.3580, 0.2522



43.6218, 0.4349, 0.3019

Triad

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



43.6218, 0.3580, 0.2522



43.6218, 0.4068, 0.4670



43.6218, 0.1748, 0.2649

Complementary

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



43.6218, 0.3580, 0.2522



80.0058, 0.2855, 0.4226

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.



43.6218, 0.2004, 0.3417



43.6218, 0.3580, 0.2522



43.6218, 0.3323, 0.4782

Square

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



43.6218, 0.3580, 0.2522



43.6218, 0.4603, 0.4189



43.6218, 0.2567, 0.4291



43.6218, 0.1797, 0.2202

Rectangle

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



43.6218, 0.3580, 0.2522



43.6218, 0.4663, 0.3401



43.6218, 0.2567, 0.4291



43.6218, 0.1799, 0.2873

Sweetspot

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



43.6239, 0.3580, 0.2522



78.4959, 0.3229, 0.3066



34.2581, 0.2533, 0.1922



16.1704, 0.3247, 0.3030



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.



43.6239, 0.3580, 0.2522



37.2215, 0.3711, 0.2387



41.2006, 0.4213, 0.3107



18.1823, 0.3194, 0.3139



12.5162, 0.4389, 0.2191



1.2396, 0.4218, 0.2097

Inverse Universe

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



43.6239, 0.3580, 0.2522



37.2215, 0.3711, 0.2387



82.8723, 0.2582, 0.3495



18.1823, 0.3194, 0.3139



12.5162, 0.4389, 0.2191



1.2396, 0.4218, 0.2097

Previews

White Background



This preview shows how the Yxy color 43.6218, 0.3580, 0.2522 looks on a white background.

Color Contrast Check

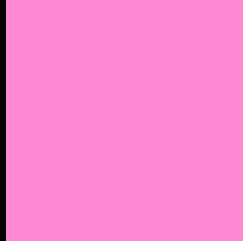
Large Text (above 18pt) WCAG AA × Fail

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 43.6218, 0.3580, 0.2522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

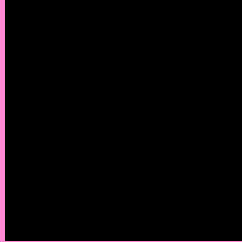
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6218, 0.3580, 0.2522

Background



This preview shows how black text looks on a background with the Yxy color 43.6218, 0.3580, 0.2522.



This preview shows how white text looks on a background with the Yxy color 43.6218, 0.3580, 0.2522.

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

43.6218, 0.3580, 0.2522

Protanopia

44.1610, 0.2543, 0.2495

Deuteranopia

43.6646, 0.2926, 0.2857



Tritanopia

43.4758, 0.4065, 0.3175

Trichromacy



Original Color

43.6218, 0.3580, 0.2522



Protanomaly

42.4843, 0.2857, 0.2483



Deuteranomaly

42.6157, 0.3145, 0.2707



Tritanomaly

43.3685, 0.3883, 0.2921

Monochromacy



Original Color

43.6218, 0.3580, 0.2522



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.6221, 0.3281, 0.2950

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6218, 0.3580, 0.2522 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, 136, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 136, 212)  
}
```

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, 136, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 136, 212) }
```

Border

The CSS property to change the border of an element to Yxy 43.6218, 0.3580, 0.2522 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, 136, 212) }
```

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

```
.border{ border-color:rgb(255, 136, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 136, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 136, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 136, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 136,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6218, 0.3580, 0.2522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 136, 212) }
```

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

```
.background{ background-color: rgb(255,  
136, 212) }
```

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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