

Converting Colors

Yxy(44.8786, 0.3530, 0.2417)

Have a look what the booklet for
Yxy(44.8786, 0.3530, 0.2417)
contains.

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Color

Yxy(43.6379, 0.3473, 0.2403)

Conversions

Conversions Part 1

Format	Color
Hex	FF86DF
RGB	255, 134, 223
RGB Percent	100%, 53%, 87%
CMY	0.0002, 0.4743, 0.1256
CMYK	0.00, 0.47, 0.13, 0.00
HSL	316°, 100%, 76%
HSV	316°, 47%, 100%
XYZ	63.0688, 43.6379, 74.8908
YIQ	180.3250, 43.5470, 53.3310

Conversions

Conversions Part 2

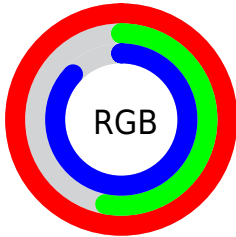
Format	Color
R_{YB}	255, 134, 223
Decimal	16746207
CIE _{Lab}	71.99, 56.86, -24.84
CIE _{LCh}	72, 62.051, 336.398
Yxy	43.6379, 0.3473, 0.2403
Android (android.graphics.Color)	4294936287 (0xFFFF86DF)
YUV	180.3250, 21.0388, 65.4900
Hunter-Lab	66.0590, 54.8170, -20.9756

Details

The Yxy color **43.6379, 0.3473, 0.2403** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **79.3175, 0.2908, 0.4396**, and the grayscale version is **45.6971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.3069, 0.3157, 0.2653**, and **20.1549, 0.3547, 0.2191** is the 20% darker color. If you saturate the color by 10%, you get **37.0623, 0.3574, 0.2242**, and if you desaturate by 10%, it is **51.9308, 0.3381, 0.2584**.

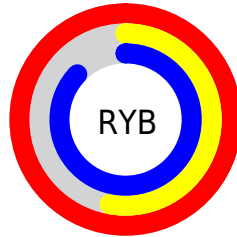
Distribution



Red (100%)

Green (53%)

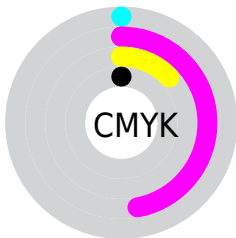
Blue (87%)



Red (100%)

Yellow (53%)

Blue (87%)

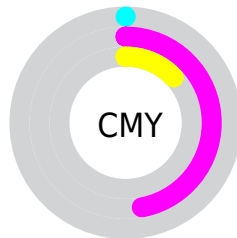


Cyan (0%)

Magenta (47%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (47%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6379, 0.3473, 0.2403 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 43.6379, 0.3473, 0.2403 by changing the saturation by 10% instead.


 43.6379, 0.3473,
0.2403

 43.6379, 0.3473,
0.2403


361.2286, 0.3315,
0.2814


 30.3859, 0.3508,
0.2310


 80.6726, 0.3419,
0.2545

 20.1317, 0.3551,
0.2195


 105.2241, 0.3398,
0.2601

 12.4908, 0.3605,
0.2050


 134.3110, 0.3379,
0.2649

 7.0789, 0.3672,
0.1865

168.3175, 0.3363,
0.2691

 3.5115, 0.3760,
0.1618

207.6281, 0.3349,
0.2727

 1.4042, 0.3875,
0.1280

252.6273, 0.3336,

 0.2198, 0.4159,

0.2760

0.0495

303.6993, 0.3325,
0.2788

■ 0.0000, 0.4141,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6379, 0.3473,
0.2403

■ 43.6379, 0.3473,
0.2403

■ 37.0623, 0.3574,
0.2242

■ 51.9308, 0.3381,
0.2584

■ 32.0735, 0.3681,
0.2112

■ 62.0468, 0.3300,
0.2775

■ 28.5326, 0.3791,
0.2023

■ 74.0903, 0.3228,
0.2967

■ 26.2732, 0.3901,
0.1982

■ 88.1560, 0.3167,
0.3155

■ 25.0792, 0.4007,
0.1990

99.9915, 0.3127,
0.3290

■ 24.8615, 0.4034,
0.1996

Harmonies

Analogous

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



43.6379, 0.2608, 0.2078



43.6379, 0.3473, 0.2403



43.6379, 0.4342, 0.2907

Triad

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



43.6379, 0.3473, 0.2403



43.6379, 0.4228, 0.4701



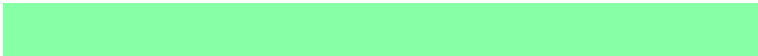
43.6379, 0.1676, 0.2694

Complementary

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



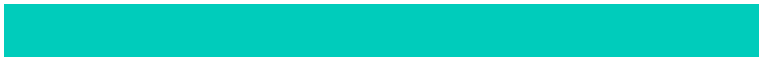
43.6379, 0.3473, 0.2403



79.3175, 0.2908, 0.4396

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.



43.6379, 0.1991, 0.3568



43.6379, 0.3473, 0.2403



43.6379, 0.3450, 0.4930

Square

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



43.6379, 0.3473, 0.2403



43.6379, 0.4759, 0.4139



43.6379, 0.2629, 0.4503



43.6379, 0.1684, 0.2172

Rectangle

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



43.6379, 0.3473, 0.2403



43.6379, 0.4730, 0.3302



43.6379, 0.2629, 0.4503



43.6379, 0.1744, 0.2951

Sweetspot

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



43.6399, 0.3473, 0.2403



78.7064, 0.3206, 0.3032



32.2007, 0.2428, 0.1864



16.2219, 0.3220, 0.2991



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.



43.6399, 0.3473, 0.2403



37.3230, 0.3569, 0.2249



41.0039, 0.4103, 0.2978



18.2135, 0.3179, 0.3117



13.0218, 0.4017, 0.1987



1.2860, 0.3904, 0.1924

Inverse Universe

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



43.6399, 0.3473, 0.2403



37.3230, 0.3569, 0.2249



81.9848, 0.2630, 0.3646



18.2135, 0.3179, 0.3117



13.0218, 0.4017, 0.1987



1.2860, 0.3904, 0.1924

Previews

White Background



This preview shows how the Yxy color 43.6379, 0.3473, 0.2403 looks on a white background.

Color Contrast Check

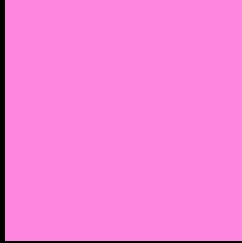
Large Text (above 18pt) WCAG AA × Fail

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 43.6379, 0.3473, 0.2403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

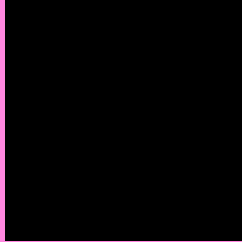
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6379, 0.3473, 0.2403

Background



This preview shows how black text looks on a background with the Yxy color 43.6379, 0.3473, 0.2403.



This preview shows how white text looks on a background with the Yxy color 43.6379, 0.3473, 0.2403.

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

43.6379, 0.3473, 0.2403

Protanopia

44.0394, 0.2426, 0.2332

Deuteranopia

43.8437, 0.2805, 0.2745



Tritanopia

43.6395, 0.4041, 0.3174

Trichromacy



Original Color

43.6379, 0.3473, 0.2403



Protanomaly

42.0259, 0.2731, 0.2323



Deuteranomaly

42.6073, 0.3018, 0.2582



Tritanomaly

43.5315, 0.3840, 0.2879

Monochromacy



Original Color

43.6379, 0.3473, 0.2403



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.4453, 0.3247, 0.2891

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6379, 0.3473, 0.2403 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, 134, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 223)  
}
```

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, 134, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 223) }
```

Border

The CSS property to change the border of an element to Yxy 43.6379, 0.3473, 0.2403 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, 134, 223) }
```

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

```
.border{ border-color:rgb(255, 134, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 134, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6379, 0.3473, 0.2403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 223) }
```

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

```
.background{ background-color: rgb(255,  
134, 223) }
```

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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