

Converting Colors

$Y_{xy}(40.2859, 0.3996, 0.2921)$

Have a look what the booklet for
Yxy(40.2859, 0.3996, 0.2921)
contains.

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Color

Yxy(40.2388, 0.4001, 0.2921)

Conversions

Conversions Part 1

Format	Color
Hex	FA86A9
RGB	250, 134, 169
RGB Percent	98%, 53%, 66%
CMY	0.0195, 0.4745, 0.3372
CMYK	0.00, 0.46, 0.32, 0.02
HSL	342°, 92%, 75%
HSV	342°, 46%, 98%
XYZ	55.1165, 40.2388, 42.4016
YIQ	172.6740, 57.9010, 35.4770

Conversions

Conversions Part 2

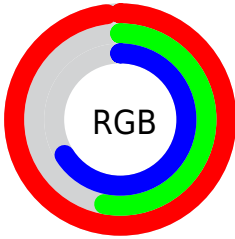
Format	Color
R _Y B	250, 134, 169
Decimal	16418473
CIE Lab	69.64, 47.82, 1.60
CIE LCh	70, 47.843, 1.920
Yxy	40.2388, 0.4001, 0.2921
Android (android.graphics.Color)	4294608553 (0xFFFA86A9)
YUV	172.6740, -1.8113, 67.8149
Hunter-Lab	63.4341, 44.0854, 4.7723

Details

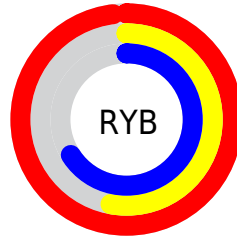
The Yxy color **40.2388, 0.4001, 0.2921** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.3576, 0.2666, 0.3712**, and the grayscale version is **41.6026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.0370, 0.3394, 0.2935**, and **18.0980, 0.4271, 0.2804** is the 20% darker color. If you saturate the color by 10%, you get **33.5153, 0.4305, 0.2856**, and if you desaturate by 10%, it is **48.6872, 0.3742, 0.2999**.

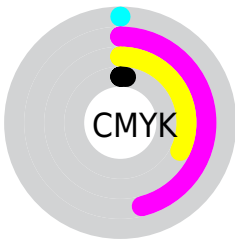
Distribution



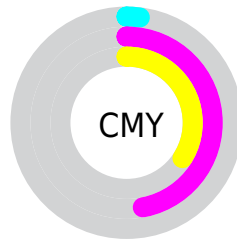
- Red (98%)
- Green (53%)
- Blue (66%)



- Red (98%)
- Yellow (53%)
- Blue (66%)



- Cyan (0%)
- Magenta (46%)
- Yellow (32%)
- Black (2%)



- Cyan (2%)
- Magenta (47%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.2388, 0.4001, 0.2921 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 40.2388, 0.4001, 0.2921 by changing the saturation by 10% instead.


 40.2388, 0.4001,
0.2921


 40.2388, 0.4001,
0.2921


347.1291, 0.3554,
0.3112


 27.7248, 0.4115,
0.2872


 75.5270, 0.3836,
0.2992

 18.1183, 0.4263,
0.2808


 99.0700, 0.3775,
0.3018

 11.0350, 0.4462,
0.2721


 127.0581, 0.3724,
0.3040

 6.0904, 0.4743,
0.2598

159.8757, 0.3680,
0.3058

 2.9001, 0.5165,
0.2410

197.9072, 0.3642,
0.3074

 1.0798, 0.5860,
0.2097

241.5370, 0.3609,

 0.0000, 1.0000,

0.3088

0.0000

291.1495, 0.3580,
0.3101

■ 0.0000, 0.0000,
0.0000

■ 40.2388, 0.4001,
0.2921

■ 40.2388, 0.4001,
0.2921

■ 33.5153, 0.4305,
0.2856

■ 48.6872, 0.3742,
0.2999

■ 28.3905, 0.4649,
0.2814

■ 58.9633, 0.3526,
0.3082

■ 24.7301, 0.5017,
0.2808

■ 71.1687, 0.3349,
0.3164

■ 22.3751, 0.5378,
0.2847

■ 85.3961, 0.3205,
0.3242

■ 21.1276, 0.5699,
0.2934

■ 99.0676, 0.3096,
0.3290

■ 20.8418, 0.5802,
0.2970

Harmonies

Analogous

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



40.2388, 0.3303, 0.2511



40.2388, 0.4001, 0.2921



40.2388, 0.4453, 0.3425

Triad

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



40.2388, 0.4001, 0.2921



40.2388, 0.3519, 0.4581



40.2388, 0.1918, 0.2438

Complementary

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



40.2388, 0.4001, 0.2921



78.3576, 0.2666, 0.3712

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.



40.2388, 0.1959, 0.2924



40.2388, 0.4001, 0.2921



40.2388, 0.2842, 0.4305

Square

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



40.2388, 0.4001, 0.2921



40.2388, 0.4124, 0.4396



40.2388, 0.2278, 0.3634



40.2388, 0.2145, 0.2228

Rectangle

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



40.2388, 0.4001, 0.2921



40.2388, 0.4522, 0.3778



40.2388, 0.2278, 0.3634



40.2388, 0.1902, 0.2569

Sweetspot

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



40.2408, 0.4001, 0.2921



77.7970, 0.3312, 0.3183



38.1394, 0.2859, 0.2046



16.0006, 0.3345, 0.3166



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.



40.2408, 0.4001, 0.2921



35.2690, 0.4294, 0.2858



45.5795, 0.4286, 0.3520



17.3114, 0.3246, 0.3219



11.0754, 0.5760, 0.2947



1.0437, 0.5424, 0.2761

Inverse Universe

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



40.2408, 0.4001, 0.2921



35.2690, 0.4294, 0.2858



67.8704, 0.2462, 0.3036



17.3114, 0.3246, 0.3219



11.0754, 0.5760, 0.2947



1.0437, 0.5424, 0.2761

Previews

White Background



This preview shows how the Yxy color 40.2388, 0.4001, 0.2921 looks on a white background.

Color Contrast Check

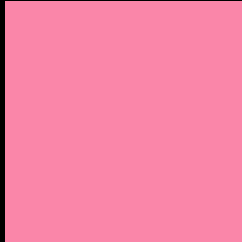
Large Text (above 18pt) WCAG AA × Fail

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 40.2388, 0.4001, 0.2921 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 40.2388, 0.4001, 0.2921

Background



This preview shows how black text looks on a background with the Yxy color 40.2388, 0.4001, 0.2921.



This preview shows how white text looks on a background with the Yxy color 40.2388, 0.4001, 0.2921.

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

40.2388, 0.4001, 0.2921

Protanopia

40.4185, 0.2947, 0.3006

Deuteranopia

40.4094, 0.3364, 0.3304



Tritanopia

40.2715, 0.4204, 0.3186

Trichromacy



Original Color

40.2388, 0.4001, 0.2921



Protanomaly

39.1601, 0.3297, 0.2960



Deuteranomaly

39.7133, 0.3585, 0.3143



Tritanomaly

40.4314, 0.4128, 0.3090

Monochromacy



Original Color

40.2388, 0.4001, 0.2921



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.1923, 0.3416, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.2388, 0.4001, 0.2921 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(250, 134, 169)` looks like.

```
.text, #text, p{  
    color:rgb(250, 134, 169)  
}
```

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(250, 134, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 134, 169) }
```

Border

The CSS property to change the border of an element to Yxy 40.2388, 0.4001, 0.2921 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(250, 134, 169) }
```

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

```
.border{ border-color:rgb(250, 134, 169) }
```

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

Here you see how a box with a 4 pixel rgb(250, 134, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 134, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 134, 169);  
box-shadow:4px 4px 4px 4px rgb(250, 134,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 40.2388, 0.4001, 0.2921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 134, 169) }
```

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

```
.background{ background-color: rgb(250,  
134, 169) }
```

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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