

Converting Colors

$Y_{xy}(41.6082, 0.3918, 0.2897)$

Have a look what the booklet for
Yxy(41.6082, 0.3918, 0.2897)
contains.

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Color

Yxy(41.5961, 0.3921, 0.2899)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FA8AAF |
| RGB | 250, 138, 175 |
| RGB Percent | 98%, 54%, 69% |
| CMY | 0.0195, 0.4589, 0.3137 |
| CMYK | 0.00, 0.45, 0.30, 0.02 |
| HSL | 340°, 92%, 76% |
| HSV | 340°, 45%, 98% |
| XYZ | 56.2602, 41.5961, 45.6280 |
| YIQ | 175.7060, 54.8750, 35.2510 |

Conversions

Conversions Part 2

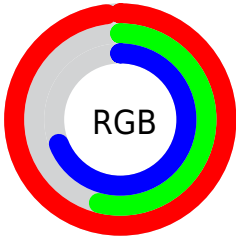
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 250, 138, 175 |
| Decimal | 16419503 |
| CIE Lab | 70.59, 46.58, -0.37 |
| CIE LCh | 71, 46.577, 359.546 |
| Yxy | 41.5961, 0.3921, 0.2899 |
| Android (android.graphics.Color) | 4294609583 (0xFFFA8AAF) |
| YUV | 175.7060, -0.3481, 65.1558 |
| Hunter-Lab | 64.4950, 42.8425, 3.2009 |

Details

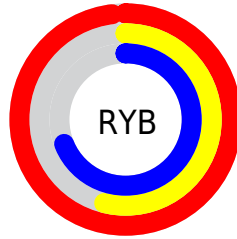
The Yxy color **41.5961, 0.3921, 0.2899** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **78.5973, 0.2694, 0.3735**, and the grayscale version is **43.2358, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1131, 0.3342, 0.2917**, and **19.0034, 0.4149, 0.2785** is the 20% darker color. If you saturate the color by 10%, you get **34.6141, 0.4204, 0.2824**, and if you desaturate by 10%, it is **50.3148, 0.3681, 0.2986**.

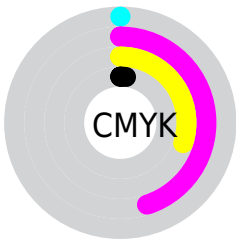
Distribution



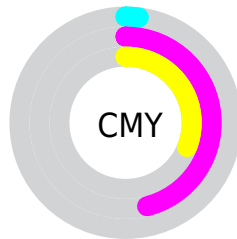
- Red (98%)
- Green (54%)
- Blue (69%)



- Red (98%)
- Yellow (54%)
- Blue (69%)



- Cyan (0%)
- Magenta (45%)
- Yellow (30%)
- Black (2%)




- Cyan (2%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5961, 0.3921, 0.2899 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 41.5961, 0.3921, 0.2899 by changing the saturation by 10% instead.


 41.5961, 0.3921,
0.2899

 41.5961, 0.3921,
0.2899


352.8059, 0.3518,
0.3097


 28.7852, 0.4023,
0.2849


 77.5880, 0.3773,
0.2972

 18.9184, 0.4155,
0.2784


 101.5377, 0.3718,
0.2999

 11.6113, 0.4331,
0.2698


 129.9691, 0.3672,
0.3022

 6.4796, 0.4579,
0.2577

163.2667, 0.3632,
0.3041

 3.1388, 0.4949,
0.2396

201.8147, 0.3598,
0.3058

 1.2046, 0.5555,
0.2101

245.9977, 0.3568,

 0.0655, 0.8851,

0.3073

0.0463

296.1999, 0.3541,
0.3086

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.5961, 0.3921,
0.2899

41.5961, 0.3921,
0.2899

34.6141, 0.4204,
0.2824

50.3148, 0.3681,
0.2986

29.2448, 0.4526,
0.2771

60.8709, 0.3481,
0.3077

25.3576, 0.4874,
0.2753

73.3645, 0.3316,
0.3166

22.7982, 0.5225,
0.2781

87.8867, 0.3182,
0.3251

■ 21.3777, 0.5548,
0.2859

■ 99.0699, 0.3097,
0.3290

■ 20.9488, 0.5698,
0.2913

Harmonies

Analogous

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



41.5961, 0.3242, 0.2511



41.5961, 0.3921, 0.2899



41.5961, 0.4383, 0.3385

Triad

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



41.5961, 0.3921, 0.2899



41.5961, 0.3560, 0.4532



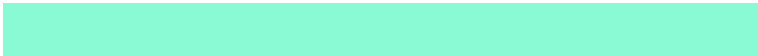
41.5961, 0.1950, 0.2496

Complementary

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



41.5961, 0.3921, 0.2899



78.5973, 0.2694, 0.3735

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.



41.5961, 0.2012, 0.2989



41.5961, 0.3921, 0.2899



41.5961, 0.2905, 0.4301

Square

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



41.5961, 0.3921, 0.2899



41.5961, 0.4131, 0.4333



41.5961, 0.2344, 0.3679



41.5961, 0.2151, 0.2269

Rectangle

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



41.5961, 0.3921, 0.2899



41.5961, 0.4474, 0.3727



41.5961, 0.2344, 0.3679



41.5961, 0.1941, 0.2631

Sweetspot

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



41.5981, 0.3921, 0.2899



79.2950, 0.3290, 0.3182



39.1754, 0.2855, 0.2083



16.2981, 0.3323, 0.3162



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.



41.5981, 0.3921, 0.2899



36.6901, 0.4181, 0.2829



46.1632, 0.4238, 0.3492



17.3198, 0.3242, 0.3212



11.1323, 0.5655, 0.2889



1.0498, 0.5321, 0.2705

Inverse Universe

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



41.5981, 0.3921, 0.2899



36.6901, 0.4181, 0.2829



69.6582, 0.2485, 0.3068



17.3198, 0.3242, 0.3212



11.1323, 0.5655, 0.2889



1.0498, 0.5321, 0.2705

Previews

White Background



This preview shows how the Yxy color 41.5961, 0.3921, 0.2899 looks on a white background.

Color Contrast Check

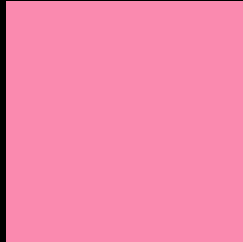
Large Text (above 18pt) WCAG AA × Fail

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 41.5961, 0.3921, 0.2899 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 41.5961, 0.3921, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 41.5961, 0.3921, 0.2899.



This preview shows how white text looks on a background with the Yxy color 41.5961, 0.3921, 0.2899.

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

41.5961, 0.3921, 0.2899

Protanopia

42.0366, 0.2918, 0.2971

Deuteranopia

41.6161, 0.3325, 0.3251



Tritanopia

41.5695, 0.4142, 0.3185

Trichromacy



Original Color

41.5961, 0.3921, 0.2899



Protanomaly

40.9146, 0.3247, 0.2939



Deuteranomaly

40.7525, 0.3530, 0.3095



Tritanomaly

41.7276, 0.4067, 0.3089

Monochromacy



Original Color

41.5961, 0.3921, 0.2899



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.6718, 0.3392, 0.3115

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5961, 0.3921, 0.2899 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, 138, 175)` looks like.

```
.text, #text, p{  
    color:rgb(250, 138, 175)  
}
```

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, 138, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 138, 175) }
```

Border

The CSS property to change the border of an element to Yxy 41.5961, 0.3921, 0.2899 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, 138, 175) }
```

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

```
.border{ border-color:rgb(250, 138, 175) }
```

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

Here you see how a box with a 4 pixel rgb(250, 138, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 138, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 138, 175);  
box-shadow:4px 4px 4px 4px rgb(250, 138,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5961, 0.3921, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 138, 175) }
```

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

```
.background{ background-color: rgb(250,  
138, 175) }
```

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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