

Converting Colors

$Y_{xy}(41.8075, 0.3749, 0.2750)$

Have a look what the booklet for
Yxy(41.8075, 0.3749, 0.2750)
contains.

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Color

Yxy(41.8075, 0.3749, 0.2750)

Conversions

Conversions Part 1

Format	Color
Hex	F88ABD
RGB	248, 138, 189
RGB Percent	97%, 54%, 74%
CMY	0.0273, 0.4589, 0.2587
CMYK	0.00, 0.44, 0.24, 0.03
HSL	332°, 89%, 76%
HSV	332°, 44%, 97%
XYZ	56.9950, 41.8075, 53.2247
YIQ	176.7040, 49.1890, 39.1810

Conversions

Conversions Part 2

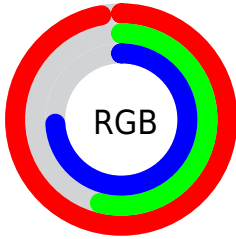
Format	Color
R _Y B	248, 138, 189
Decimal	16288445
CIE Lab	70.74, 47.76, -8.00
CIE LCh	71, 48.429, 350.491
Yxy	41.8075, 0.3749, 0.2750
Android (android.graphics.Color)	4294478525 (0xFFFF88ABD)
YUV	176.7040, 6.0619, 62.5266
Hunter-Lab	64.6587, 44.1905, -3.5443

Details

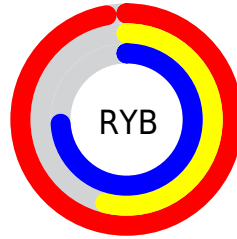
The Yxy color **41.8075, 0.3749, 0.2750** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **76.5853, 0.2769, 0.3918**, and the grayscale version is **43.7519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4361, 0.3228, 0.2784**, and **19.0934, 0.3916, 0.2607** is the 20% darker color. If you saturate the color by 10%, you get **34.9364, 0.3965, 0.2641**, and if you desaturate by 10%, it is **50.3604, 0.3563, 0.2872**.

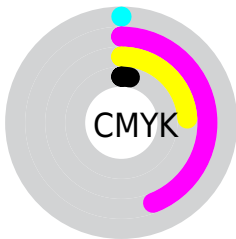
Distribution



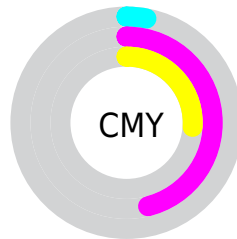
- Red (97%)
- Green (54%)
- Blue (74%)



- Red (97%)
- Yellow (54%)
- Blue (74%)



- Cyan (0%)
- Magenta (44%)
- Yellow (24%)
- Black (3%)





- Cyan (3%)
- Magenta (46%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.8075, 0.3749, 0.2750 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 41.8075, 0.3749, 0.2750 by changing the saturation by 10% instead.


 41.8075, 0.3749,
0.2750


 41.8075, 0.3749,
0.2750


353.6843, 0.3438,
0.3014


 28.9506, 0.3826,
0.2686


 77.9082, 0.3636,
0.2845

 19.0434, 0.3925,
0.2605


 101.9208, 0.3594,
0.2881

 11.7017, 0.4056,
0.2499


 130.4207, 0.3558,
0.2911

 6.5409, 0.4238,
0.2355

163.7924, 0.3527,
0.2937

 3.1767, 0.4506,
0.2150

202.4202, 0.3501,
0.2960

 1.2247, 0.4936,
0.1835

246.6885, 0.3477,

 0.0817, 0.6423,

0.2981

0.0400

296.9818, 0.3457,
0.2998

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.8075, 0.3749,
0.2750

41.8075, 0.3749,
0.2750

34.9364, 0.3965,
0.2641

50.3604, 0.3563,
0.2872

29.6275, 0.4209,
0.2555

60.6918, 0.3407,
0.2998

25.7550, 0.4473,
0.2506

72.8983, 0.3276,
0.3122

23.1708, 0.4746,
0.2507

87.0677, 0.3168,
0.3240

■ 21.6935, 0.5011,
0.2563

■ 98.7018, 0.3084,
0.3290

■ 21.2006, 0.5154,
0.2613

Harmonies

Analogous

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



41.8075, 0.3030, 0.2395



41.8075, 0.3749, 0.2750



41.8075, 0.4324, 0.3227

Triad

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



41.8075, 0.3749, 0.2750



41.8075, 0.3767, 0.4556



41.8075, 0.1902, 0.2591

Complementary

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



41.8075, 0.3749, 0.2750



76.5853, 0.2769, 0.3918

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.



41.8075, 0.2049, 0.3177



41.8075, 0.3749, 0.2750



41.8075, 0.3097, 0.4468

Square

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



41.8075, 0.3749, 0.2750



41.8075, 0.4299, 0.4244



41.8075, 0.2470, 0.3915



41.8075, 0.2028, 0.2277

Rectangle

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



41.8075, 0.3749, 0.2750



41.8075, 0.4506, 0.3576



41.8075, 0.2470, 0.3915



41.8075, 0.1920, 0.2757

Sweetspot

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



41.8095, 0.3749, 0.2750



79.5506, 0.3260, 0.3138



36.7780, 0.2734, 0.2053



16.3609, 0.3286, 0.3111



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.



41.8095, 0.3749, 0.2750



38.0566, 0.3935, 0.2654



41.0390, 0.4298, 0.3333



17.3592, 0.3221, 0.3180



11.4772, 0.5116, 0.2592



1.0842, 0.4829, 0.2434

Inverse Universe

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



41.8095, 0.3749, 0.2750



38.0566, 0.3935, 0.2654



77.0999, 0.2521, 0.3246



17.3592, 0.3221, 0.3180



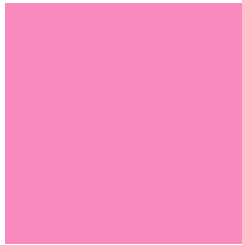
11.4772, 0.5116, 0.2592



1.0842, 0.4829, 0.2434

Previews

White Background



This preview shows how the Yxy color 41.8075, 0.3749, 0.2750 looks on a white background.

Color Contrast Check

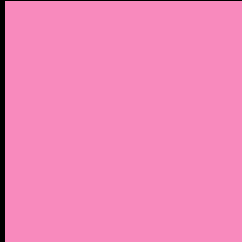
Large Text (above 18pt) WCAG AA × Fail

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 41.8075, 0.3749, 0.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

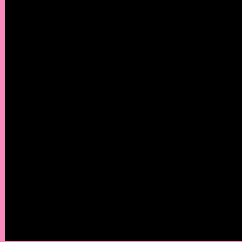
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8075, 0.3749, 0.2750

Background



This preview shows how black text looks on a background with the Yxy color 41.8075, 0.3749, 0.2750.



This preview shows how white text looks on a background with the Yxy color 41.8075, 0.3749, 0.2750.

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

41.8075, 0.3749, 0.2750

Protanopia

42.2075, 0.2769, 0.2781

Deuteranopia

41.9051, 0.3155, 0.3082



Tritanopia

41.7256, 0.4072, 0.3173

Trichromacy



Original Color

41.8075, 0.3749, 0.2750



Protanomaly

41.0555, 0.3079, 0.2757



Deuteranomaly

41.2144, 0.3364, 0.2937



Tritanomaly

41.7289, 0.3957, 0.3021

Monochromacy



Original Color

41.8075, 0.3749, 0.2750



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

42.2271, 0.3345, 0.3066

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8075, 0.3749, 0.2750 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(248, 138, 189)` looks like.

```
.text, #text, p{  
    color:rgb(248, 138, 189)  
}
```

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(248, 138, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 138, 189) }
```

Border

The CSS property to change the border of an element to Yxy 41.8075, 0.3749, 0.2750 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(248, 138, 189) }
```

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

```
.border{ border-color:rgb(248, 138, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 138, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 138, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 138, 189);  
box-shadow:4px 4px 4px 4px rgb(248, 138,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8075, 0.3749, 0.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 138, 189) }
```

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

```
.background{ background-color: rgb(248,  
138, 189) }
```

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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