

Converting Colors

$Y_{xy}(41.1291, 0.3757, 0.2718)$

Have a look what the booklet for
Yxy(41.1291, 0.3757, 0.2718)
contains.

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Color

Yxy(41.1418, 0.3766, 0.2722)

Conversions

Conversions Part 1

Format	Color
Hex	F987BD
RGB	249, 135, 189
RGB Percent	98%, 53%, 74%
CMY	0.0234, 0.4706, 0.2588
CMYK	0.00, 0.46, 0.24, 0.02
HSL	332°, 91%, 75%
HSV	332°, 46%, 98%
XYZ	56.9214, 41.1418, 53.0823
YIQ	175.2420, 50.6100, 40.9620

Conversions

Conversions Part 2

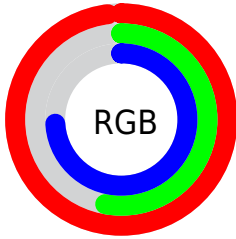
Format	Color
R _{YB}	249, 135, 189
Decimal	16353213
CIE Lab	70.28, 49.58, -8.66
CIE LCh	70, 50.327, 350.094
Yxy	41.1418, 0.3766, 0.2722
Android (android.graphics.Color)	4294543293 (0xFFFF987BD)
YUV	175.2420, 6.7827, 64.6858
Hunter-Lab	64.1419, 46.1579, -4.1677

Details

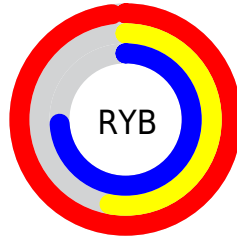
The Yxy color **41.1418, 0.3766, 0.2722** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **76.8562, 0.2766, 0.3957**, and the grayscale version is **42.9465, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1142, 0.3230, 0.2754**, and **18.6096, 0.3942, 0.2563** is the 20% darker color. If you saturate the color by 10%, you get **34.4454, 0.3981, 0.2613**, and if you desaturate by 10%, it is **49.5184, 0.3580, 0.2845**.

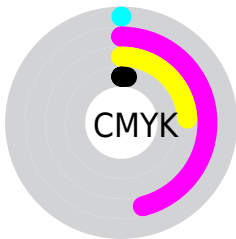
Distribution



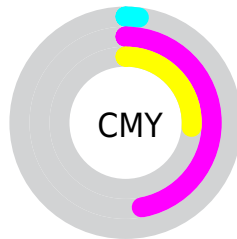
- Red (98%)
- Green (53%)
- Blue (74%)



- Red (98%)
- Yellow (53%)
- Blue (74%)



- Cyan (0%)
- Magenta (46%)
- Yellow (24%)
- Black (2%)





- Cyan (2%)
- Magenta (47%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1418, 0.3766, 0.2722 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 41.1418, 0.3766, 0.2722 by changing the saturation by 10% instead.


 41.1418, 0.3766,
0.2722

 41.1418, 0.3766,
0.2722


350.9129, 0.3447,
0.3000


 28.4299, 0.3845,
0.2655


 76.8991, 0.3650,
0.2821

 18.6500, 0.3947,
0.2570


 100.7133, 0.3607,
0.2859

 11.4176, 0.4082,
0.2458


 128.9970, 0.3570,
0.2891

 6.3485, 0.4269,
0.2308

162.1347, 0.3538,
0.2919

 3.0581, 0.4545,
0.2093

200.5108, 0.3511,
0.2943

 1.1621, 0.4987,
0.1765

244.5096, 0.3487,

 0.0305, 0.6611,

0.2964

0.0154

294.5155, 0.3465,
0.2983

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.1418, 0.3766,
0.2722

41.1418, 0.3766,
0.2722

34.4454, 0.3981,
0.2613

49.5184, 0.3580,
0.2845

29.3069, 0.4223,
0.2530

59.6744, 0.3422,
0.2974

25.5970, 0.4484,
0.2485

71.7083, 0.3290,
0.3101

23.1621, 0.4751,
0.2491

85.7095, 0.3181,
0.3223

■ 21.8128, 0.5008,
0.2553

■ 98.8541, 0.3093,
0.3294

■ 21.4502, 0.5112,
0.2590

■ 98.8837, 0.3090,
0.3290

Harmonies

Analogous

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



41.1418, 0.3014, 0.2358



41.1418, 0.3766, 0.2722



41.1418, 0.4372, 0.3213

Triad

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



41.1418, 0.3766, 0.2722



41.1418, 0.3797, 0.4609



41.1418, 0.1856, 0.2564

Complementary

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



41.1418, 0.3766, 0.2722



76.8562, 0.2766, 0.3957

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.



41.1418, 0.2009, 0.3178



41.1418, 0.3766, 0.2722



41.1418, 0.3100, 0.4532

Square

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



41.1418, 0.3766, 0.2722



41.1418, 0.4350, 0.4272



41.1418, 0.2447, 0.3955



41.1418, 0.1983, 0.2239

Rectangle

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



41.1418, 0.3766, 0.2722



41.1418, 0.4565, 0.3574



41.1418, 0.2447, 0.3955



41.1418, 0.1875, 0.2738

Sweetspot

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



41.1438, 0.3766, 0.2722



78.1479, 0.3269, 0.3123



35.6242, 0.2702, 0.2006



16.0856, 0.3295, 0.3096



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.



41.1438, 0.3766, 0.2722



36.8077, 0.3965, 0.2620



39.7540, 0.4366, 0.3314



17.3621, 0.3219, 0.3178



11.5079, 0.5074, 0.2569



1.0871, 0.4793, 0.2414

Inverse Universe

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



41.1438, 0.3766, 0.2722



36.8077, 0.3965, 0.2620



78.5870, 0.2510, 0.3266



17.3621, 0.3219, 0.3178



11.5079, 0.5074, 0.2569



1.0871, 0.4793, 0.2414

Previews

White Background



This preview shows how the Yxy color 41.1418, 0.3766, 0.2722 looks on a white background.

Color Contrast Check

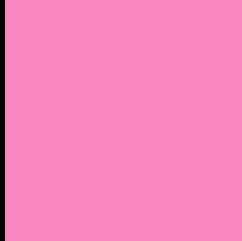
Large Text (above 18pt) WCAG AA × Fail

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 41.1418, 0.3766, 0.2722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

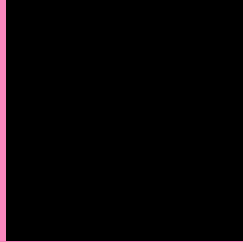
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1418, 0.3766, 0.2722

Background



This preview shows how black text looks on a background with the Yxy color 41.1418, 0.3766, 0.2722.



This preview shows how white text looks on a background with the Yxy color 41.1418, 0.3766, 0.2722.

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

41.1418, 0.3766, 0.2722

Protanopia

41.6658, 0.2745, 0.2753

Deuteranopia

41.2885, 0.3138, 0.3067



Tritanopia

41.0255, 0.4113, 0.3184

Trichromacy



Original Color

41.1418, 0.3766, 0.2722



Protanomaly

40.2827, 0.3062, 0.2719



Deuteranomaly

40.3978, 0.3357, 0.2911



Tritanomaly

40.7747, 0.3990, 0.3011

Monochromacy



Original Color

41.1418, 0.3766, 0.2722



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

40.9935, 0.3349, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1418, 0.3766, 0.2722 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(249, 135, 189)` looks like.

```
.text, #text, p{  
    color:rgb(249, 135, 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(249, 135, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 135, 189) }
```

Border

The CSS property to change the border of an element to Yxy 41.1418, 0.3766, 0.2722 is called "border". The border property can be set on classes, ids or directly on the HTML element.

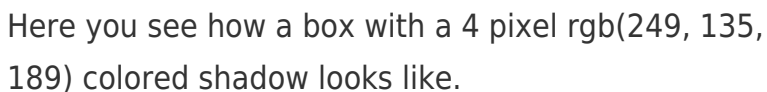
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(249, 135, 189) }
```

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

```
.border{ border-color:rgb(249, 135, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(249, 135, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 135, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 135, 189); box-shadow:4px 4px 4px 4px rgb(249, 135, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1418, 0.3766, 0.2722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 135, 189) }
```

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

```
.background{ background-color: rgb(249,  
135, 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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