

Converting Colors

Yxy(41.1680, 0.3771, 0.2848)

Have a look what the booklet for
Yxy(41.1680, 0.3771, 0.2848)
contains.

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Color

Yxy(41.2632, 0.3769, 0.2854)

Conversions

Conversions Part 1

Format	Color
Hex	F28DB5
RGB	242, 141, 181
RGB Percent	95%, 55%, 71%
CMY	0.0509, 0.4471, 0.2901
CMYK	0.00, 0.42, 0.25, 0.05
HSL	336°, 80%, 75%
HSV	336°, 42%, 95%
XYZ	54.4923, 41.2632, 48.8247
YIQ	175.7590, 47.3560, 33.8520

Conversions

Conversions Part 2

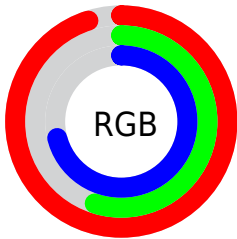
Format	Color
R _Y B	242, 141, 181
Decimal	15895989
CIE Lab	70.36, 43.13, -4.19
CIE LCh	70, 43.332, 354.457
Yxy	41.2632, 0.3769, 0.2854
Android (android.graphics.Color)	4294086069 (0xFFFF28DB5)
YUV	175.7590, 2.5838, 58.0934
Hunter-Lab	64.2364, 39.0092, -0.0996

Details

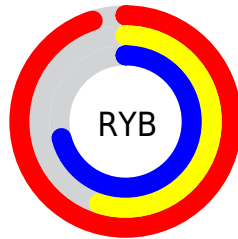
The Yxy color **41.2632, 0.3769, 0.2854** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **73.4447, 0.2752, 0.3784**, and the grayscale version is **43.2529, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.8543, 0.3286, 0.2880**, and **18.7283, 0.3965, 0.2735** is the 20% darker color. If you saturate the color by 10%, you get **34.3228, 0.4007, 0.2757**, and if you desaturate by 10%, it is **49.8297, 0.3567, 0.2960**.

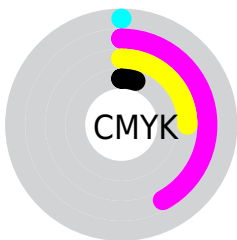
Distribution



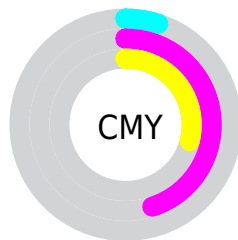
- Red (95%)
- Green (55%)
- Blue (71%)



- Red (95%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (42%)
- Yellow (25%)
- Black (5%)





- Cyan (5%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2632, 0.3769, 0.2854 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 41.2632, 0.3769, 0.2854 by changing the saturation by 10% instead.


 41.2632, 0.3769,
0.2854

 41.2632, 0.3769,
0.2854


351.4195, 0.3445,
0.3071

 28.5248, 0.3851,
0.2800


 77.0833, 0.3650,
0.2933

 18.7216, 0.3956,
0.2731


 100.9337, 0.3606,
0.2962

 11.4693, 0.4097,
0.2640


129.2570, 0.3569,
0.2987

 6.3834, 0.4295,
0.2514

162.4375, 0.3537,
0.3009

 3.0796, 0.4591,
0.2330

200.8596, 0.3509,
0.3028

 1.1734, 0.5079,
0.2035

244.9077, 0.3485,

 0.0398, 0.7481,

0.3044

0.0267

294.9662, 0.3464,
0.3058

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

41.2632, 0.3769,
0.2854

41.2632, 0.3769,
0.2854

34.3228, 0.4007,
0.2757

49.8297, 0.3567,
0.2960

28.8981, 0.4281,
0.2680

60.1117, 0.3398,
0.3068

24.8740, 0.4582,
0.2635

72.1988, 0.3259,
0.3173

22.1162, 0.4896,
0.2636

86.1729, 0.3145,
0.3273

■ 20.4635, 0.5202,
0.2689

■ 97.5630, 0.3053,
0.3299

■ 19.7249, 0.5435,
0.2768

■ 97.6218, 0.3048,
0.3290

Harmonies

Analogous

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



41.2632, 0.3127, 0.2508



41.2632, 0.3769, 0.2854



41.2632, 0.4248, 0.3304

Triad

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



41.2632, 0.3769, 0.2854



41.2632, 0.3639, 0.4440



41.2632, 0.2011, 0.2611

Complementary

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



41.2632, 0.3769, 0.2854



73.4447, 0.2752, 0.3784

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.



41.2632, 0.2115, 0.3114



41.2632, 0.3769, 0.2854



41.2632, 0.3027, 0.4293

Square

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



41.2632, 0.3769, 0.2854



41.2632, 0.4142, 0.4214



41.2632, 0.2473, 0.3764



41.2632, 0.2160, 0.2351

Rectangle

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



41.2632, 0.3769, 0.2854



41.2632, 0.4380, 0.3627



41.2632, 0.2473, 0.3764



41.2632, 0.2017, 0.2753

Sweetspot

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



41.2652, 0.3769, 0.2854



79.4204, 0.3275, 0.3160



37.9605, 0.2822, 0.2151



16.3288, 0.3305, 0.3137



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.



41.2652, 0.3769, 0.2854



39.7838, 0.3967, 0.2772



42.9670, 0.4161, 0.3405



15.8626, 0.3231, 0.3197



10.6189, 0.5392, 0.2744



0.9025, 0.5042, 0.2551

Inverse Universe

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



41.2652, 0.3769, 0.2854



39.7838, 0.3967, 0.2772



69.7433, 0.2537, 0.3168



15.8626, 0.3231, 0.3197



10.6189, 0.5392, 0.2744



0.9025, 0.5042, 0.2551

Previews

White Background



This preview shows how the Yxy color 41.2632, 0.3769, 0.2854 looks on a white background.

Color Contrast Check

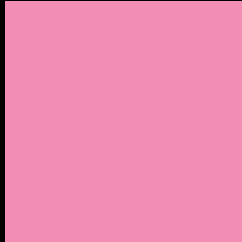
Large Text (above 18pt) WCAG AA × Fail

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 41.2632, 0.3769, 0.2854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

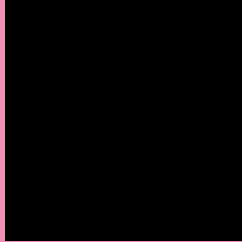
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2632, 0.3769, 0.2854

Background



This preview shows how black text looks on a background with the Yxy color 41.2632, 0.3769, 0.2854.



This preview shows how white text looks on a background with the Yxy color 41.2632, 0.3769, 0.2854.

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

41.2632, 0.3769, 0.2854

Protanopia

41.5114, 0.2863, 0.2904

Deuteranopia

41.3368, 0.3234, 0.3172



Tritanopia

41.1764, 0.4008, 0.3170

Trichromacy



Original Color

41.2632, 0.3769, 0.2854



Protanomaly

40.4612, 0.3156, 0.2873



Deuteranomaly

40.9335, 0.3419, 0.3043



Tritanomaly

41.3639, 0.3923, 0.3060

Monochromacy



Original Color

41.2632, 0.3769, 0.2854



Achromatopsia

43.4154, 0.3127, 0.3290



Achromatomaly

41.6881, 0.3344, 0.3101

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2632, 0.3769, 0.2854 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(242, 141, 181)` looks like.

```
.text, #text, p{  
    color:rgb(242, 141, 181)  
}
```

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(242, 141, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 141, 181) }
```

Border

The CSS property to change the border of an element to Yxy 41.2632, 0.3769, 0.2854 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(242, 141, 181) }
```

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

```
.border{ border-color:rgb(242, 141, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 141, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 141, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 141, 181);  
box-shadow:4px 4px 4px 4px rgb(242, 141,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2632, 0.3769, 0.2854 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 141, 181) }
```

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

```
.background{ background-color: rgb(242,  
141, 181) }
```

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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