

Converting Colors

$Y_{xy}(41.0471, 0.3312, 0.2190)$

Have a look what the booklet for
Yxy(41.0471, 0.3312, 0.2190)
contains.

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Color

Yxy(41.2326, 0.3320, 0.2199)

Conversions

Conversions Part 1

Format	Color
Hex	FB7DEC
RGB	251, 125, 236
RGB Percent	98%, 49%, 93%
CMY	0.0157, 0.5097, 0.0746
CMYK	0.00, 0.50, 0.06, 0.02
HSL	307°, 94%, 74%
HSV	307°, 50%, 98%
XYZ	62.2520, 41.2326, 84.0215
YIQ	175.3280, 39.4650, 61.2330

Conversions

Conversions Part 2

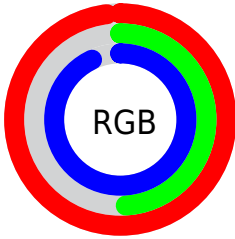
Format	Color
R _Y B	251, 125, 236
Decimal	16481772
CIE Lab	70.34, 62.07, -34.59
CIE LCh	70, 71.055, 330.873
Yxy	41.2326, 0.3320, 0.2199
Android (android.graphics.Color)	4294671852 (0xFFFB7DEC)
YUV	175.3280, 29.9113, 66.3643
Hunter-Lab	64.2126, 60.6779, -32.6315

Details

The Yxy color **41.2326, 0.3320, 0.2199** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **75.2425, 0.2985, 0.4710**, and the grayscale version is **42.8780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9359, 0.3161, 0.2575**, and **18.7580, 0.3345, 0.1955** is the 20% darker color. If you saturate the color by 10%, you get **35.4891, 0.3367, 0.2024**, and if you desaturate by 10%, it is **48.5881, 0.3275, 0.2401**.

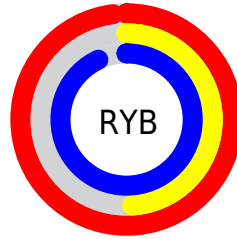
Distribution



Red (98%)

Green (49%)

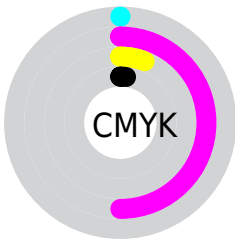
Blue (93%)



Red (98%)

Yellow (49%)

Blue (93%)

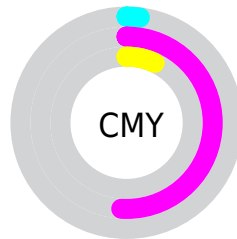


Cyan (0%)

Magenta (50%)

Yellow (6%)

Black (2%)



Cyan (2%)


Magenta (51%)


Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.2326, 0.3320, 0.2199 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 41.2326, 0.3320, 0.2199 by changing the saturation by 10% instead.


 41.2326, 0.3320,
0.2199

 41.2326, 0.3320,
0.2199


351.2918, 0.3245,
0.2697


 28.5009, 0.3333,
0.2088


 77.0369, 0.3297,
0.2370

 18.7036, 0.3347,
0.1954


 100.8782, 0.3287,
0.2437

 11.4563, 0.3362,
0.1787


 129.1915, 0.3278,
0.2495

 6.3746, 0.3374,
0.1576

162.3612, 0.3270,
0.2546

 3.0742, 0.3379,
0.1306

200.7717, 0.3263,
0.2590

 1.1706, 0.3359,
0.0955

244.8074, 0.3256,

 0.0375, 0.3421,

0.2630

0.0073

294.8526, 0.3250,
0.2666

■ 0.0000, 0.2798,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.2326, 0.3320,
0.2199

■ 41.2326, 0.3320,
0.2199

■ 35.4891, 0.3367,
0.2024

■ 48.5881, 0.3275,
0.2401

■ 31.2285, 0.3414,
0.1885

■ 57.6603, 0.3232,
0.2619

■ 28.3115, 0.3459,
0.1788

■ 68.5520, 0.3193,
0.2844

■ 26.5695, 0.3502,
0.1737

■ 81.3560, 0.3159,
0.3068

■ 25.7324, 0.3541,
0.1724

■ 96.1589, 0.3128,
0.3286

■ 99.1777, 0.3109,
0.3300

■ 99.2470, 0.3102,
0.3290

Harmonies

Analogous

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



41.2326, 0.2370, 0.1884



41.2326, 0.3320, 0.2199



41.2326, 0.4374, 0.2724

Triad

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



41.2326, 0.3320, 0.2199



41.2326, 0.4492, 0.4767



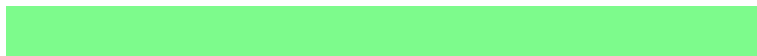
41.2326, 0.1519, 0.2735

Complementary

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



41.2326, 0.3320, 0.2199



75.2425, 0.2985, 0.4710

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.



41.2326, 0.1924, 0.3822



41.2326, 0.3320, 0.2199



41.2326, 0.3630, 0.5204

Square

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



41.2326, 0.3320, 0.2199



41.2326, 0.5051, 0.4071



41.2326, 0.2692, 0.4896



41.2326, 0.1476, 0.2080

Rectangle

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



41.2326, 0.3320, 0.2199



41.2326, 0.4894, 0.3147



41.2326, 0.2692, 0.4896



41.2326, 0.1611, 0.3057

Sweetspot

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



41.2345, 0.3320, 0.2199



77.6869, 0.3175, 0.2960



27.1874, 0.2257, 0.1728



16.0369, 0.3182, 0.2913



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.



41.2345, 0.3320, 0.2199



36.8641, 0.3366, 0.2026



38.2084, 0.3989, 0.2787



17.4869, 0.3156, 0.3084



13.5419, 0.3535, 0.1721



1.2640, 0.3490, 0.1696

Inverse Universe

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



41.2345, 0.3320, 0.2199



36.8641, 0.3366, 0.2026



77.6458, 0.2687, 0.3886



17.4869, 0.3156, 0.3084



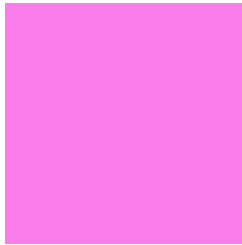
13.5419, 0.3535, 0.1721



1.2640, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 41.2326, 0.3320, 0.2199 looks on a white background.

Color Contrast Check

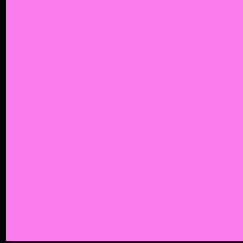
Large Text (above 18pt) WCAG AA × Fail

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 41.2326, 0.3320, 0.2199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

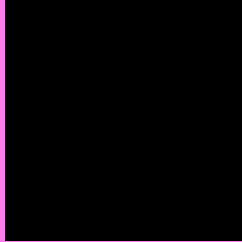
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2326, 0.3320, 0.2199

Background



This preview shows how black text looks on a background with the Yxy color 41.2326, 0.3320, 0.2199.

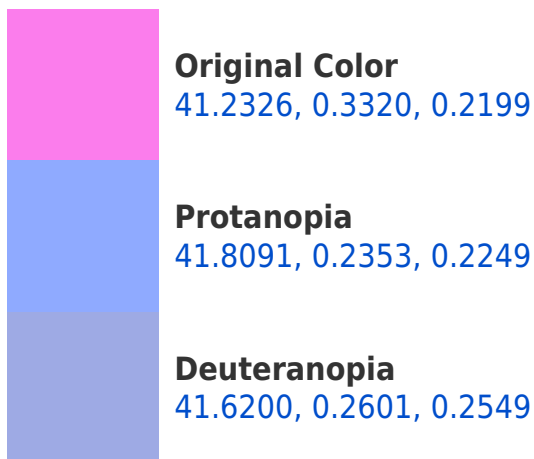


This preview shows how white text looks on a background with the Yxy color 41.2326, 0.3320, 0.2199.

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





Tritanopia

41.1903, 0.4042, 0.3171

Trichromacy



Original Color

41.2326, 0.3320, 0.2199



Protanomaly

39.8336, 0.2632, 0.2193



Deuteranomaly

40.0872, 0.2830, 0.2377



Tritanomaly

40.7645, 0.3776, 0.2786

Monochromacy



Original Color

41.2326, 0.3320, 0.2199



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

40.8417, 0.3206, 0.2800

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2326, 0.3320, 0.2199 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(251, 125, 236)` looks like.

```
.text, #text, p{  
    color:rgb(251, 125, 236)  
}
```

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(251, 125, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 125, 236) }
```

Border

The CSS property to change the border of an element to Yxy 41.2326, 0.3320, 0.2199 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(251, 125, 236) }
```

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

```
.border{ border-color:rgb(251, 125, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 125, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 125, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 125, 236);  
box-shadow:4px 4px 4px 4px rgb(251, 125,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2326, 0.3320, 0.2199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 125, 236) }
```

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

```
.background{ background-color: rgb(251,  
125, 236) }
```

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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