

Converting Colors

$Y_{xy}(47.1075, 0.3323, 0.2541)$

Have a look what the booklet for
Yxy(47.1075, 0.3323, 0.2541)
contains.

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Color

Yxy(47.0415, 0.3325, 0.2545)

Conversions

Conversions Part 1

Format	Color
Hex	F299E0
RGB	242, 153, 224
RGB Percent	95%, 60%, 88%
CMY	0.0510, 0.3999, 0.1217
CMYK	0.00, 0.37, 0.07, 0.05
HSL	312°, 77%, 77%
HSV	312°, 37%, 95%
XYZ	61.4589, 47.0415, 76.3385
YIQ	187.7050, 30.2530, 40.9490

Conversions

Conversions Part 2

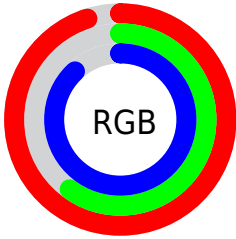
Format	Color
R _Y B	242, 153, 224
Decimal	15899104
CIE _{Lab}	74.22, 43.50, -22.13
CIE _{LCh}	74, 48.808, 333.039
Y _{xy}	47.0415, 0.3325, 0.2545
Android (android.graphics.Color)	4294089184 (0xFFFF299E0)
YUV	187.7050, 17.8934, 47.6167
Hunter-Lab	68.5868, 39.9225, -17.9802

Details

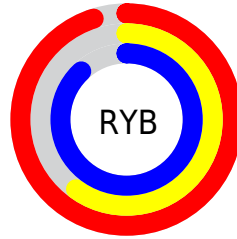
The Yxy color $47.0415, 0.3325, 0.2545$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $73.2176, 0.2979, 0.4175$, and the grayscale version is $49.9985, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.0809, 0.3148, 0.2841$, and $22.1693, 0.3356, 0.2363$ is the 20% darker color. If you saturate the color by 10%, you get $39.6461, 0.3395, 0.2352$, and if you desaturate by 10%, it is $56.0552, 0.3262, 0.2749$.

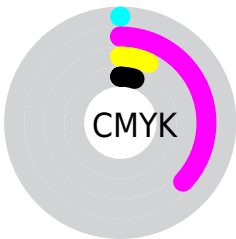
Distribution



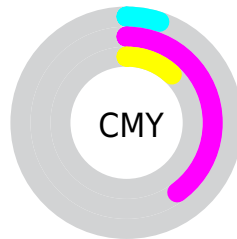
- Red (95%)
- Green (60%)
- Blue (88%)



- Red (95%)
- Yellow (60%)
- Blue (88%)



- Cyan (0%)
- Magenta (37%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (40%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0415, 0.3325, 0.2545 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 47.0415, 0.3325, 0.2545 by changing the saturation by 10% instead.

 47.0415, 0.3325,
0.2545

 47.0415, 0.3325,
0.2545


374.9802, 0.3237,
0.2892

 33.0685, 0.3344,
0.2466


 85.7756, 0.3295,
0.2666

 22.1789, 0.3367,
0.2368


 111.3054, 0.3284,
0.2712

 13.9884, 0.3395,
0.2244


141.4563, 0.3273,
0.2753

 8.1126, 0.3429,
0.2083

176.6126, 0.3264,
0.2788

 4.1671, 0.3471,
0.1866

217.1587, 0.3256,
0.2819

 1.7675, 0.3523,
0.1561

263.4791, 0.3249,

 0.4668, 0.3622,

0.2846

0.0997

315.9581, 0.3243,
0.2870

0.0000, 0.3479,
0.0000

0.0000, 0.0000,
0.0000

47.0415, 0.3325,
0.2545

47.0415, 0.3325,
0.2545

39.6461, 0.3395,
0.2352

56.0552, 0.3262,
0.2749

33.7647, 0.3471,
0.2179

66.7702, 0.3205,
0.2955

29.2912, 0.3551,
0.2037

79.2718, 0.3156,
0.3158

26.1026, 0.3631,
0.1935

93.6373, 0.3114,
0.3352

■ 24.0551, 0.3711,
0.1879

■ 97.2039, 0.3084,
0.3354

■ 22.9661, 0.3786,
0.1870

■ 97.5131, 0.3057,
0.3306

■ 22.7254, 0.3810,
0.1873

■ 97.6166, 0.3047,
0.3290

Harmonies

Analogous

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



47.0415, 0.2663, 0.2297



47.0415, 0.3325, 0.2545



47.0415, 0.3996, 0.2950

Triad

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



47.0415, 0.3325, 0.2545



47.0415, 0.4079, 0.4378



47.0415, 0.1985, 0.2916

Complementary

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



47.0415, 0.3325, 0.2545



73.2176, 0.2979, 0.4175

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.



47.0415, 0.2288, 0.3597



47.0415, 0.3325, 0.2545



47.0415, 0.3486, 0.4537

Square

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



47.0415, 0.3325, 0.2545



47.0415, 0.4437, 0.3954



47.0415, 0.2830, 0.4250



47.0415, 0.1955, 0.2452

Rectangle

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



47.0415, 0.3325, 0.2545



47.0415, 0.4320, 0.3274



47.0415, 0.2830, 0.4250



47.0415, 0.2056, 0.3126

Sweetspot

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



47.0436, 0.3325, 0.2545



83.0302, 0.3176, 0.3072



37.8341, 0.2583, 0.2213



17.3619, 0.3183, 0.3045



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.



47.0436, 0.3325, 0.2545



46.6864, 0.3376, 0.2401



44.9470, 0.3750, 0.2998



15.9733, 0.3169, 0.3104



12.2289, 0.3799, 0.1866



1.0311, 0.3706, 0.1815

Inverse Universe

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



47.0436, 0.3325, 0.2545



46.6864, 0.3376, 0.2401



75.1975, 0.2745, 0.3609



15.9733, 0.3169, 0.3104



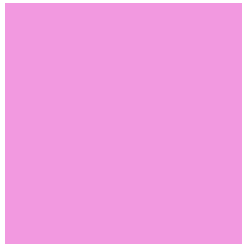
12.2289, 0.3799, 0.1866



1.0311, 0.3706, 0.1815

Previews

White Background



This preview shows how the Yxy color 47.0415, 0.3325, 0.2545 looks on a white background.

Color Contrast Check

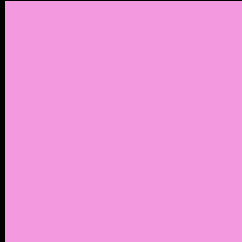
Large Text (above 18pt) WCAG AA × Fail

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 47.0415, 0.3325, 0.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

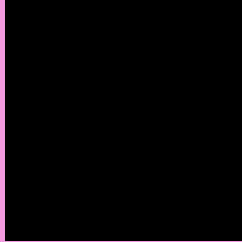
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0415, 0.3325, 0.2545

Background



This preview shows how black text looks on a background with the Yxy color 47.0415, 0.3325, 0.2545.



This preview shows how white text looks on a background with the Yxy color 47.0415, 0.3325, 0.2545.

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

47.0415, 0.3325, 0.2545

Protanopia

47.5787, 0.2571, 0.2528

Deuteranopia

47.4220, 0.2858, 0.2798



Tritanopia

47.1224, 0.3713, 0.3157

Trichromacy



Original Color

47.0415, 0.3325, 0.2545



Protanomaly

46.5777, 0.2805, 0.2520



Deuteranomaly

46.8073, 0.3010, 0.2693



Tritanomaly

46.8237, 0.3567, 0.2916

Monochromacy



Original Color

47.0415, 0.3325, 0.2545



Achromatopsia

50.2886, 0.3127, 0.3290



Achromatomaly

48.2869, 0.3202, 0.2980

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0415, 0.3325, 0.2545 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, 153, 224)` looks like.

```
.text, #text, p{  
    color:rgb(242, 153, 224)  
}
```

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, 153, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 153, 224) }
```

Border

The CSS property to change the border of an element to Yxy 47.0415, 0.3325, 0.2545 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, 153, 224) }
```

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

```
.border{ border-color:rgb(242, 153, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 153, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 153, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 153, 224);  
box-shadow:4px 4px 4px 4px rgb(242, 153,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0415, 0.3325, 0.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 153, 224) }
```

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

```
.background{ background-color: rgb(242,  
153, 224) }
```

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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