

Converting Colors

$Y_{xy}(72.5567, 0.3045, 0.2771)$

Have a look what the booklet for
Yxy(72.5567, 0.3045, 0.2771)
contains.

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Color

Yxy(71.9246, 0.3084, 0.2822)

Conversions

Conversions Part 1

Format	Color
Hex	F6D0FF
RGB	246, 208, 255
RGB Percent	96%, 82%, 100%
CMY	0.0354, 0.1842, 0.0000
CMYK	0.04, 0.18, 0.00, 0.00
HSL	288°, 100%, 91%
HSV	288°, 18%, 100%
XYZ	78.6022, 71.9246, 104.3442
YIQ	224.7200, 7.5610, 22.6730

Conversions

Conversions Part 2

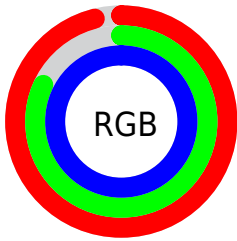
Format	Color
R _Y B	246, 208, 255
Decimal	16175359
CIE Lab	87.93, 21.34, -17.99
CIE LCh	88, 27.907, 319.866
Yxy	71.9246, 0.3084, 0.2822
Android (android.graphics.Color)	4294365439 (0xFFFF6D0FF)
YUV	224.7200, 14.9280, 18.6626
Hunter-Lab	84.8084, 17.0230, -13.5817

Details

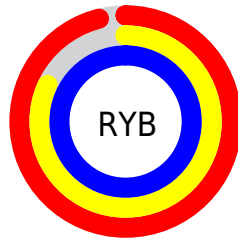
The Yxy color **71.9246, 0.3084, 0.2822** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.8324, 0.3160, 0.3787**, and the grayscale version is **74.9703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6785, 0.3069, 0.2716** is the 20% darker color. If you saturate the color by 10%, you get **59.6011, 0.3053, 0.2556**, and if you desaturate by 10%, it is **86.2766, 0.3110, 0.3081**.

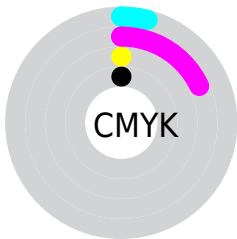
Distribution



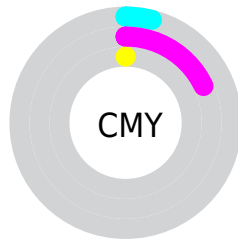
- Red (96%)
- Green (82%)
- Blue (100%)



- Red (96%)
- Yellow (82%)
- Blue (100%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9246, 0.3084, 0.2822 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 71.9246, 0.3084, 0.2822 by changing the saturation by 10% instead.


 71.9246, 0.3084,
0.2822

 71.9246, 0.3084,
0.2822


467.2791, 0.3107,
0.3031

 53.0971, 0.3078,
0.2776

121.9493, 0.3093,
0.2893

 37.8803, 0.3070,
0.2720


153.9153, 0.3096,
0.2921

 25.8898, 0.3060,
0.2651


191.0296, 0.3098,
0.2945

 16.7412, 0.3046,
0.2563

233.6766, 0.3101,
0.2967

 10.0501, 0.3026,
0.2446

282.2406, 0.3103,
0.2986

 5.4322, 0.2994,
0.2287

337.1061, 0.3104,

 2.5030, 0.2940,

0.3002

0.2056

398.6575, 0.3106,
0.3017

0.8782, 0.2834,
0.1696

0.0000, 0.2311,
0.0000

71.9246, 0.3084,
0.2822

71.9246, 0.3084,
0.2822

59.6011, 0.3053,
0.2556

86.2766, 0.3110,
0.3081

49.2013, 0.3017,
0.2292

99.9998, 0.3127,
0.3290

40.6249, 0.2975,
0.2039

33.7591, 0.2929,
0.1808

■ 28.4779, 0.2880,
0.1611

■ 24.6380, 0.2828,
0.1455

■ 22.0701, 0.2776,
0.1345

■ 20.5370, 0.2725,
0.1279

■ 20.3388, 0.2717,
0.1271

Harmonies

Analogous

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



71.9246, 0.2771, 0.2738



71.9246, 0.3084, 0.2822



71.9246, 0.3426, 0.3015

Triad

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



71.9246, 0.3084, 0.2822



71.9246, 0.3716, 0.3784



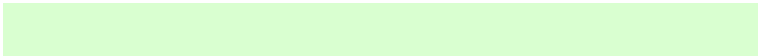
71.9246, 0.2588, 0.3264

Complementary

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



71.9246, 0.3084, 0.2822



90.8324, 0.3160, 0.3787

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.



71.9246, 0.2820, 0.3587



71.9246, 0.3084, 0.2822



71.9246, 0.3471, 0.3893

Square

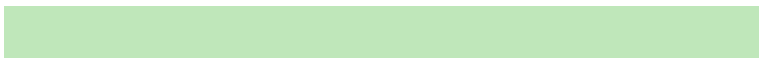
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9246, 0.3084, 0.2822



71.9246, 0.3801, 0.3554



71.9246, 0.3141, 0.3826



71.9246, 0.2497, 0.2971

Rectangle

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



71.9246, 0.3084, 0.2822



71.9246, 0.3619, 0.3184



71.9246, 0.3141, 0.3826



71.9246, 0.2651, 0.3373

Sweetspot

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



71.9277, 0.3084, 0.2822



90.0701, 0.3115, 0.3142



70.4723, 0.2827, 0.2888



19.0573, 0.3113, 0.3126



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.



71.9277, 0.3084, 0.2822



67.2926, 0.3074, 0.2727



72.7256, 0.3247, 0.2964



18.1136, 0.3107, 0.3054



10.6905, 0.2726, 0.1275



1.0841, 0.2784, 0.1307

Inverse Universe

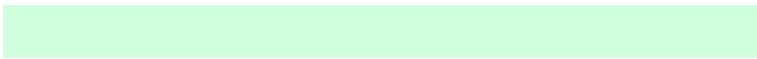
The Inverse Universe completely reimagines the original color for something new.



71.3928, 0.3420, 0.3199



66.6982, 0.3492, 0.3180



90.2107, 0.3025, 0.3640



18.0441, 0.3264, 0.3245



11.2409, 0.6100, 0.3134



1.1088, 0.5806, 0.2972

Previews

White Background



This preview shows how the Yxy color 71.9246, 0.3084, 0.2822 looks on a white background.

Color Contrast Check

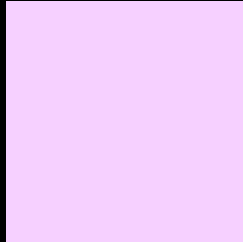
Large Text (above 18pt) WCAG AA × Fail

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 71.9246, 0.3084, 0.2822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

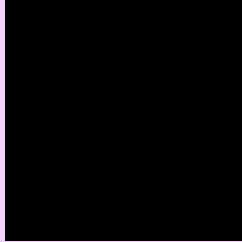
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

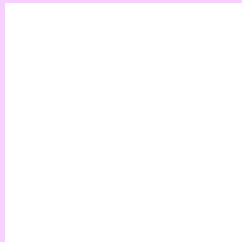
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9246, 0.3084, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 71.9246, 0.3084, 0.2822.



This preview shows how white text looks on a background with the Yxy color 71.9246, 0.3084, 0.2822.

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

71.9246, 0.3084, 0.2822

Protanopia

72.1792, 0.2866, 0.2909

Deuteranopia

71.9254, 0.2951, 0.2886



Tritanopia

72.1229, 0.3230, 0.3125

Trichromacy



Original Color

71.9246, 0.3084, 0.2822

Protanomaly

71.9896, 0.2945, 0.2876

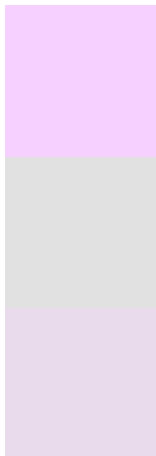
Deuteranomaly

71.5664, 0.2999, 0.2860

Tritanomaly

71.8163, 0.3177, 0.3014

Monochromacy



Original Color

71.9246, 0.3084, 0.2822

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.0428, 0.3114, 0.3113

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9246, 0.3084, 0.2822 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(246, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 208, 255)  
}
```

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(246, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 208, 255) }
```

Border

The CSS property to change the border of an element to Yxy 71.9246, 0.3084, 0.2822 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(246, 208, 255) }
```

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

```
.border{ border-color:rgb(246, 208, 255) }
```

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

Here you see how a box with a 4 pixel rgb(246, 208, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 208,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9246, 0.3084, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 208, 255) }
```

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

```
.background{ background-color: rgb(246,  
208, 255) }
```

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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