

Converting Colors

$Yxy(62.8483, 0.3074, 0.2627)$

Have a look what the booklet for
Yxy(62.8483, 0.3074, 0.2627)
contains.

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Color

Yxy(62.8483, 0.3074, 0.2627)

Conversions

Conversions Part 1

Format	Color
Hex	F4BDFF
RGB	244, 189, 255
RGB Percent	96%, 74%, 100%
CMY	0.0433, 0.2587, 0.0001
CMYK	0.04, 0.26, 0.00, 0.00
HSL	290°, 100%, 87%
HSV	290°, 26%, 100%
XYZ	73.5423, 62.8483, 102.8492
YIQ	212.9690, 11.5940, 32.1860

Conversions

Conversions Part 2

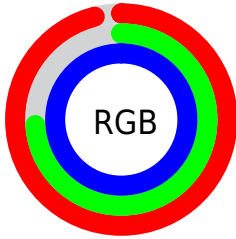
Format	Color
R_{YB}	244, 189, 255
Decimal	16039423
CIE _{Lab}	83.36, 30.74, -24.92
CIE _{LCh}	83, 39.571, 320.967
Yxy	62.8483, 0.3074, 0.2627
Android (android.graphics.Color)	4294229503 (0xFFF4BDF5)
YUV	212.9690, 20.7213, 27.2142
Hunter-Lab	79.2769, 26.8534, -21.4255

Details

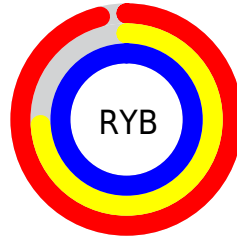
The Yxy color **62.8483, 0.3074, 0.2627** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.4727, 0.3160, 0.4019**, and the grayscale version is **66.3708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3915, 0.3131, 0.3204**, and **31.9700, 0.3054, 0.2481** is the 20% darker color. If you saturate the color by 10%, you get **52.0730, 0.3045, 0.2364**, and if you desaturate by 10%, it is **75.5750, 0.3098, 0.2890**.

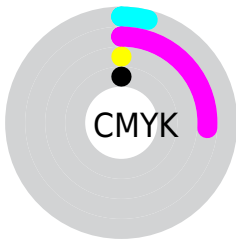
Distribution



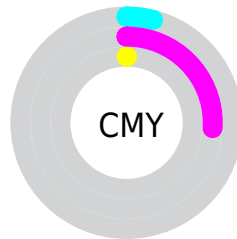
- Red (96%)
- Green (74%)
- Blue (100%)



- Red (96%)
- Yellow (74%)
- Blue (100%)



- Cyan (4%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.8483, 0.3074, 0.2627 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 62.8483, 0.3074, 0.2627 by changing the saturation by 10% instead.


 62.8483, 0.3074,
0.2627

 62.8483, 0.3074,
0.2627

435.0187, 0.3105,
0.2924

 45.7185, 0.3065,
0.2562


 108.9506, 0.3086,
0.2728

 32.0237, 0.3054,
0.2482


138.6919, 0.3091,
0.2768

 21.3796, 0.3038,
0.2383


173.4059, 0.3094,
0.2803

 13.4018, 0.3016,
0.2258

213.4768, 0.3097,
0.2833

 7.7058, 0.2982,
0.2093

259.2892, 0.3100,
0.2860

 3.9073, 0.2928,
0.1870

311.2274, 0.3102,

 1.6218, 0.2832,

0.2884

0.1552

369.6758, 0.3104,
0.2905

0.3722, 0.2695,
0.0886

0.0000, 0.0523,
0.0000

62.8483, 0.3074,
0.2627

62.8483, 0.3074,
0.2627

52.0730, 0.3045,
0.2364

75.5750, 0.3098,
0.2890

43.1400, 0.3012,
0.2111

90.3388, 0.3118,
0.3146

35.9417, 0.2974,
0.1878

99.9991, 0.3127,
0.3290

30.3560, 0.2932,
0.1676

■ 26.2449, 0.2888,
0.1514

■ 23.4467, 0.2844,
0.1398

■ 21.7613, 0.2799,
0.1326

■ 21.2687, 0.2781,
0.1306

Harmonies

Analogous

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



62.8483, 0.2617, 0.2497



62.8483, 0.3074, 0.2627



62.8483, 0.3583, 0.2901

Triad

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



62.8483, 0.3074, 0.2627



62.8483, 0.3981, 0.4011



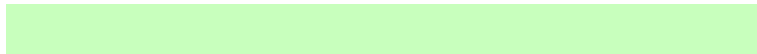
62.8483, 0.2334, 0.3219

Complementary

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



62.8483, 0.3074, 0.2627



87.4727, 0.3160, 0.4019

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.



62.8483, 0.2654, 0.3720



62.8483, 0.3074, 0.2627



62.8483, 0.3603, 0.4194

Square

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



62.8483, 0.3074, 0.2627



62.8483, 0.4129, 0.3666



62.8483, 0.3116, 0.4099



62.8483, 0.2218, 0.2793

Rectangle

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



62.8483, 0.3074, 0.2627



62.8483, 0.3872, 0.3140



62.8483, 0.3116, 0.4099



62.8483, 0.2420, 0.3386

Sweetspot

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



62.8510, 0.3074, 0.2627



87.0267, 0.3114, 0.3092



59.8699, 0.2691, 0.2687



18.1376, 0.3111, 0.3054



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.



62.8510, 0.3074, 0.2627



57.0900, 0.3060, 0.2492



63.6099, 0.3314, 0.2837



18.1376, 0.3111, 0.3054



11.1716, 0.2789, 0.1310



1.1267, 0.2839, 0.1338

Inverse Universe

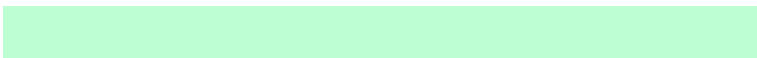
The Inverse Universe completely reimagines the original color for something new.



61.8364, 0.3590, 0.3177



55.9724, 0.3716, 0.3153



86.9816, 0.2980, 0.3791



18.0366, 0.3268, 0.3250



11.2130, 0.6160, 0.3167



1.1050, 0.5880, 0.3013

Previews

White Background



This preview shows how the Yxy color 62.8483, 0.3074, 0.2627 looks on a white background.

Color Contrast Check

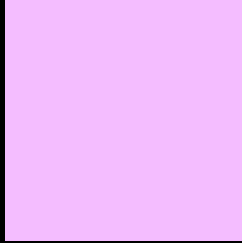
Large Text (above 18pt) WCAG AA × Fail

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 62.8483, 0.3074, 0.2627 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 62.8483, 0.3074, 0.2627

Background



This preview shows how black text looks on a background with the Yxy color 62.8483, 0.3074, 0.2627.



This preview shows how white text looks on a background with the Yxy color 62.8483, 0.3074, 0.2627.

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

62.8483, 0.3074, 0.2627

Protanopia

63.0984, 0.2741, 0.2750

Deuteranopia

62.8620, 0.2823, 0.2756



Tritanopia

62.8631, 0.3341, 0.3130

Trichromacy



Original Color

62.8483, 0.3074, 0.2627



Protanomaly

62.6747, 0.2851, 0.2701



Deuteranomaly

62.6957, 0.2912, 0.2707



Tritanomaly

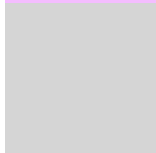
62.7103, 0.3238, 0.2933

Monochromacy



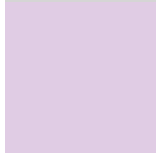
Original Color

62.8483, 0.3074, 0.2627



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

64.6345, 0.3109, 0.3030

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.8483, 0.3074, 0.2627 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(244, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 189, 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(244, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 189, 255) }
```

Border

The CSS property to change the border of an element to Yxy 62.8483, 0.3074, 0.2627 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(244, 189, 255) }
```

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

```
.border{ border-color:rgb(244, 189, 255) }
```

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

Here you see how a box with a 4 pixel rgb(244, 189, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 189,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 62.8483, 0.3074, 0.2627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 189, 255) }
```

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

```
.background{ background-color: rgb(244,  
189, 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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