

Converting Colors

$Y_{xy}(61.3210, 0.3072, 0.2545)$

Have a look what the booklet for
Yxy(61.3210, 0.3072, 0.2545)
contains.

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Color

Yxy(61.2751, 0.3098, 0.2581)

Conversions

Conversions Part 1

Format	Color
Hex	F7B8FF
RGB	247, 184, 255
RGB Percent	97%, 72%, 100%
CMY	0.0314, 0.2784, 0.0000
CMYK	0.03, 0.28, 0.00, 0.00
HSL	293°, 100%, 86%
HSV	293°, 28%, 100%
XYZ	73.5491, 61.2751, 102.5842
YIQ	210.9310, 14.7570, 35.4370

Conversions

Conversions Part 2

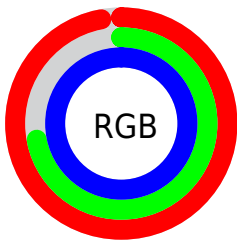
Format	Color
R _Y B	247, 184, 255
Decimal	16234751
CIE Lab	82.53, 34.36, -26.19
CIE LCh	83, 43.202, 322.678
Yxy	61.2751, 0.3098, 0.2581
Android (android.graphics.Color)	4294424831 (0xFFFF7B8FF)
YUV	210.9310, 21.7260, 31.6325
Hunter-Lab	78.2784, 30.7284, -22.9049

Details

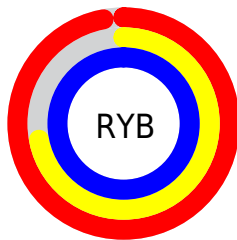
The Yxy color $61.2751, 0.3098, 0.2581$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.1894, 0.3138, 0.4088$, and the grayscale version is $64.9396, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $30.9896, 0.3085, 0.2426$ is the 20% darker color. If you saturate the color by 10%, you get $51.1000, 0.3082, 0.2326$, and if you desaturate by 10%, it is $73.3690, 0.3111, 0.2841$.

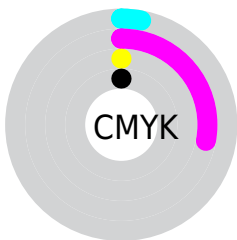
Distribution



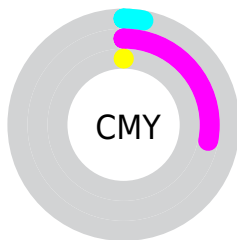
- Red (97%)
- Green (72%)
- Blue (100%)



- Red (97%)
- Yellow (72%)
- Blue (100%)



- Cyan (3%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.2751, 0.3098, 0.2581 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 61.2751, 0.3098, 0.2581 by changing the saturation by 10% instead.


 61.2751, 0.3098,
0.2581

 61.2751, 0.3098,
0.2581


429.2820, 0.3119,
0.2899

 44.4472, 0.3091,
0.2511


 106.6772, 0.3107,
0.2689

 31.0222, 0.3082,
0.2426


136.0201, 0.3110,
0.2732

 20.6158, 0.3069,
0.2321


170.3036, 0.3112,
0.2769

 12.8435, 0.3051,
0.2188

209.9119, 0.3114,
0.2801

 7.3208, 0.3021,
0.2014

255.2295, 0.3116,
0.2830

 3.6635, 0.2972,
0.1779


306.6408, 0.3117,


 1.4872, 0.2881,


0.2855


0.1447


364.5302, 0.3118,
0.2878


 0.2797, 0.2772,
0.0684


 0.0000, 0.0532,
0.0000

 61.2751, 0.3098,
0.2581


 61.2751, 0.3098,
0.2581

 51.1000, 0.3082,
0.2326


 73.3690, 0.3111,
0.2841

 42.7390, 0.3062,
0.2084

 87.4746, 0.3121,
0.3097

 36.0805, 0.3039,
0.1867

100.0000, 0.3127,
0.3290

 30.9998, 0.3013,
0.1683

■ 27.3549, 0.2985,
0.1542

■ 24.9783, 0.2956,
0.1445

■ 23.6462, 0.2927,
0.1391

■ 23.4260, 0.2921,
0.1383

Harmonies

Analogous

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



61.2751, 0.2592, 0.2430



61.2751, 0.3098, 0.2581



61.2751, 0.3659, 0.2885

Triad

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



61.2751, 0.3098, 0.2581



61.2751, 0.4044, 0.4093



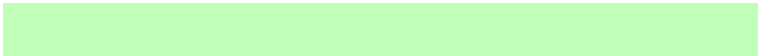
61.2751, 0.2246, 0.3176

Complementary

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



61.2751, 0.3098, 0.2581



86.1894, 0.3138, 0.4088

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.



61.2751, 0.2580, 0.3735



61.2751, 0.3098, 0.2581



61.2751, 0.3616, 0.4290

Square

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



61.2751, 0.3098, 0.2581



61.2751, 0.4228, 0.3717



61.2751, 0.3079, 0.4172



61.2751, 0.2135, 0.2719

Rectangle

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



61.2751, 0.3098, 0.2581



61.2751, 0.3971, 0.3146



61.2751, 0.3079, 0.4172



61.2751, 0.2334, 0.3360

Sweetspot

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



61.2757, 0.3098, 0.2581



87.2340, 0.3121, 0.3093



55.2371, 0.2648, 0.2578



18.1902, 0.3120, 0.3055



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.



61.2757, 0.3098, 0.2581



55.7928, 0.3090, 0.2448



61.1329, 0.3370, 0.2847



18.1902, 0.3120, 0.3055



12.2822, 0.2926, 0.1385



1.2242, 0.2960, 0.1404

Inverse Universe

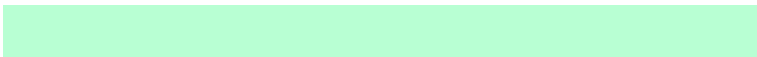
The Inverse Universe completely reimagines the original color for something new.



59.3498, 0.3670, 0.3208



53.6385, 0.3812, 0.3192



86.4253, 0.2944, 0.3780



18.0204, 0.3277, 0.3263



11.1651, 0.6268, 0.3226



1.0974, 0.6037, 0.3099

Previews

White Background



This preview shows how the Yxy color 61.2751, 0.3098, 0.2581 looks on a white background.

Color Contrast Check

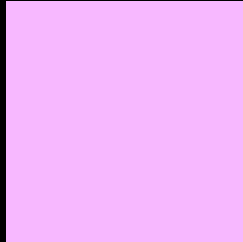
Large Text (above 18pt) WCAG AA × Fail

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 61.2751, 0.3098, 0.2581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

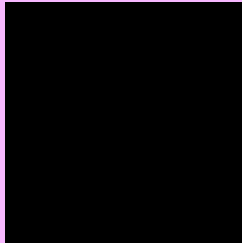
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.2751, 0.3098, 0.2581

Background



This preview shows how black text looks on a background with the Yxy color 61.2751, 0.3098, 0.2581.



This preview shows how white text looks on a background with the Yxy color 61.2751, 0.3098, 0.2581.

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

61.2751, 0.3098, 0.2581

Protanopia

61.7432, 0.2719, 0.2724

Deuteranopia

61.3581, 0.2794, 0.2729



Tritanopia

61.2193, 0.3394, 0.3130

Trichromacy



Original Color

61.2751, 0.3098, 0.2581



Protanomaly

61.2986, 0.2849, 0.2668



Deuteranomaly

61.0275, 0.2897, 0.2672



Tritanomaly

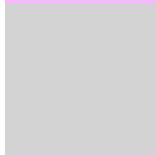
61.3178, 0.3289, 0.2924

Monochromacy



Original Color

61.2751, 0.3098, 0.2581



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

63.1666, 0.3118, 0.3007

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.2751, 0.3098, 0.2581 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(247, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 184, 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(247, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 184, 255) }
```

Border

The CSS property to change the border of an element to Yxy 61.2751, 0.3098, 0.2581 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(247, 184, 255) }
```

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

```
.border{ border-color:rgb(247, 184, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 184, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 184, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 184,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 61.2751, 0.3098, 0.2581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 184, 255) }
```

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

```
.background{ background-color: rgb(247,  
184, 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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