

Converting Colors

Yxy(57.2123, 0.3098, 0.2482)

Have a look what the booklet for
Yxy(57.2123, 0.3098, 0.2482)
contains.

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Color

Yxy(57.2663, 0.3101, 0.2482)

Conversions

Conversions Part 1

Format	Color
Hex	F7AEFF
RGB	247, 174, 255
RGB Percent	97%, 68%, 100%
CMY	0.0313, 0.3177, 0.0000
CMYK	0.03, 0.32, 0.00, 0.00
HSL	294°, 100%, 84%
HSV	294°, 32%, 100%
XYZ	71.5483, 57.2663, 101.9119
YIQ	205.0610, 17.5070, 40.6670

Conversions

Conversions Part 2

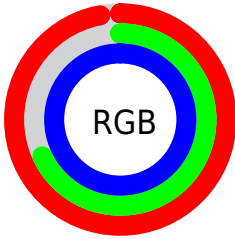
Format	Color
R_{YB}	247, 174, 255
Decimal	16232191
CIE Lab	80.33, 39.63, -29.55
CIE LCh	80, 49.433, 323.285
Yxy	57.2663, 0.3101, 0.2482
Android (android.graphics.Color)	4294422271 (0xFF7AEFF)
YUV	205.0610, 24.6199, 36.7805
Hunter-Lab	75.6745, 36.3367, -26.8745

Details

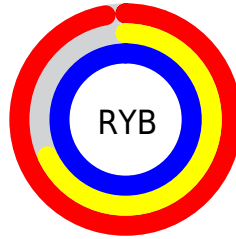
The Yxy color **57.2663, 0.3101, 0.2482** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84.5202, 0.3130, 0.4220**, and the grayscale version is **60.9235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **28.4573, 0.3088, 0.2304** is the 20% darker color. If you saturate the color by 10%, you get **47.8776, 0.3087, 0.2233**, and if you desaturate by 10%, it is **68.5329, 0.3112, 0.2740**.

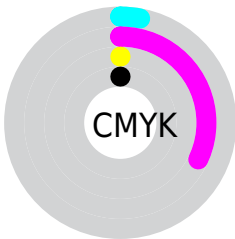
Distribution



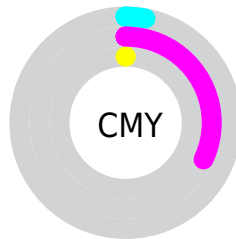
- Red (97%)
- Green (68%)
- Blue (100%)



- Red (97%)
- Yellow (68%)
- Blue (100%)



- Cyan (3%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2663, 0.3101, 0.2482 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 57.2663, 0.3101, 0.2482 by changing the saturation by 10% instead.

 57.2663, 0.3101,
0.2482

 57.2663, 0.3101,
0.2482

414.4464, 0.3123,
0.2844

 41.2191, 0.3094,
0.2403


 100.8536, 0.3111,
0.2605

 28.4903, 0.3083,
0.2306

129.1626, 0.3114,
0.2654

 18.6956, 0.3068,
0.2187


162.3275, 0.3116,
0.2696

 11.4505, 0.3046,
0.2036

200.7329, 0.3119,
0.2733

 6.3707, 0.3010,
0.1840

244.7631, 0.3120,
0.2766

 3.0718, 0.2949,
0.1577


294.8024, 0.3121,

 1.1693, 0.2835,

0.2795

0.1214

351.2354, 0.3123,
0.2821


 0.0364, 0.2763,
0.0099


 0.0000, 0.0000,
0.0000

 57.2663, 0.3101,
0.2482


 57.2663, 0.3101,
0.2482

 47.8776, 0.3087,
0.2233


 68.5329, 0.3112,
0.2740

 40.2582, 0.3070,
0.2002

 81.7728, 0.3121,
0.2997

 34.2922, 0.3050,
0.1799

 97.0778, 0.3126,
0.3247

 29.8488, 0.3027,
0.1635

100.0000, 0.3127,
0.3290

■ 26.7774, 0.3003,
0.1514

■ 24.8965, 0.2978,
0.1438

■ 24.0156, 0.2957,
0.1403

Harmonies

Analogous

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



57.2663, 0.2514, 0.2304



57.2663, 0.3101, 0.2482



57.2663, 0.3759, 0.2828

Triad

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



57.2663, 0.3101, 0.2482



57.2663, 0.4178, 0.4217



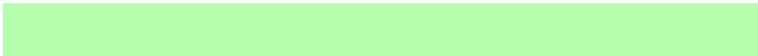
57.2663, 0.2104, 0.3133

Complementary

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



57.2663, 0.3101, 0.2482



84.5202, 0.3130, 0.4220

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.



57.2663, 0.2477, 0.3801



57.2663, 0.3101, 0.2482



57.2663, 0.3672, 0.4464

Square

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



57.2663, 0.3101, 0.2482



57.2663, 0.4410, 0.3775



57.2663, 0.3048, 0.4332



57.2663, 0.1988, 0.2611

Rectangle

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



57.2663, 0.3101, 0.2482



57.2663, 0.4126, 0.3124



57.2663, 0.3048, 0.4332



57.2663, 0.2201, 0.3350

Sweetspot

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



57.2671, 0.3101, 0.2482



84.3215, 0.3122, 0.3042



49.7152, 0.2569, 0.2444



17.6128, 0.3121, 0.3007



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.



57.2671, 0.3101, 0.2482



51.1990, 0.3093, 0.2325



56.8380, 0.3425, 0.2796



18.2039, 0.3122, 0.3055



12.5858, 0.2961, 0.1405



1.2507, 0.2991, 0.1421

Inverse Universe

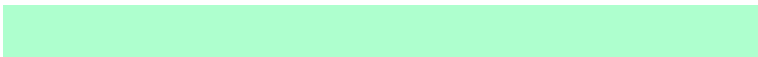
The Inverse Universe completely reimagines the original color for something new.



54.9089, 0.3787, 0.3208



48.5625, 0.3978, 0.3192



84.9943, 0.2913, 0.3845



18.0162, 0.3279, 0.3267



11.1554, 0.6290, 0.3239



1.0954, 0.6080, 0.3123

Previews

White Background



This preview shows how the Yxy color 57.2663, 0.3101, 0.2482 looks on a white background.

Color Contrast Check

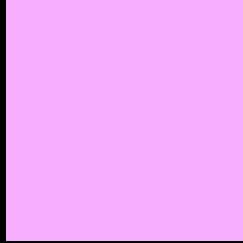
Large Text (above 18pt) WCAG AA × Fail

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 57.2663, 0.3101, 0.2482 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 57.2663, 0.3101, 0.2482

Background



This preview shows how black text looks on a background with the Yxy color 57.2663, 0.3101, 0.2482.

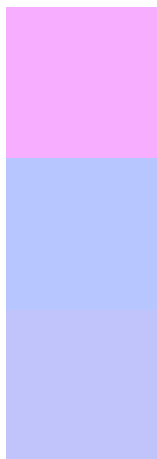


This preview shows how white text looks on a background with the Yxy color 57.2663, 0.3101, 0.2482.

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

57.2663, 0.3101, 0.2482

Protanopia

57.7985, 0.2655, 0.2645

Deuteranopia

57.6514, 0.2729, 0.2671



Tritanopia

57.1722, 0.3472, 0.3139

Trichromacy



Original Color

57.2663, 0.3101, 0.2482



Protanomaly

56.8806, 0.2802, 0.2572



Deuteranomaly

56.9918, 0.2857, 0.2597



Tritanomaly

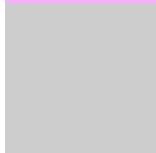
57.0395, 0.3338, 0.2888

Monochromacy



Original Color

57.2663, 0.3101, 0.2482



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.1269, 0.3119, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2663, 0.3101, 0.2482 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, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 174, 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, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 174, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.2663, 0.3101, 0.2482 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, 174, 255) }
```

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

```
.border{ border-color:rgb(247, 174, 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, 174, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 174,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2663, 0.3101, 0.2482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 174, 255) }
```

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

```
.background{ background-color: rgb(247,  
174, 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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