

Converting Colors

$Yxy(57.8649, 0.3077, 0.2505)$

Have a look what the booklet for
Yxy(57.8649, 0.3077, 0.2505)
contains.

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Color

Yxy(57.8974, 0.3077, 0.2506)

Conversions

Conversions Part 1

Format	Color
Hex	F4B1FF
RGB	244, 177, 255
RGB Percent	96%, 69%, 100%
CMY	0.0430, 0.3059, 0.0000
CMYK	0.04, 0.31, 0.00, 0.00
HSL	292°, 100%, 85%
HSV	292°, 31%, 100%
XYZ	71.0895, 57.8974, 102.0482
YIQ	205.9250, 14.8940, 38.4620

Conversions

Conversions Part 2

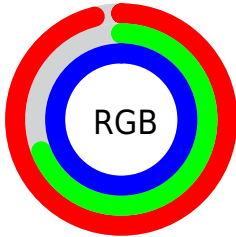
Format	Color
R_{YB}	244, 177, 255
Decimal	16036351
CIE Lab	80.68, 37.13, -29.03
CIE LCh	81, 47.135, 321.980
Yxy	57.8974, 0.3077, 0.2506
Android (android.graphics.Color)	4294226431 (0xFFFF4B1FF)
YUV	205.9250, 24.1940, 33.3918
Hunter-Lab	76.0903, 33.6105, -26.2533

Details

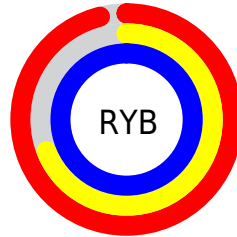
The Yxy color $57.8974, 0.3077, 0.2506$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.3802, 0.3151, 0.4176$, and the grayscale version is $61.5077, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.7578, 0.3137, 0.3078$, and $28.8079, 0.3056, 0.2331$ is the 20% darker color. If you saturate the color by 10%, you get $48.1145, 0.3053, 0.2250$, and if you desaturate by 10%, it is $69.5778, 0.3097, 0.2768$.

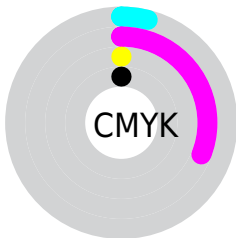
Distribution



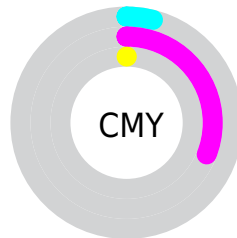
- Red (96%)
- Green (69%)
- Blue (100%)



- Red (96%)
- Yellow (69%)
- Blue (100%)



- Cyan (4%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8974, 0.3077, 0.2506 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 57.8974, 0.3077, 0.2506 by changing the saturation by 10% instead.


 57.8974, 0.3077,
0.2506

 57.8974, 0.3077,
0.2506


416.8035, 0.3110,
0.2858

 41.7262, 0.3067,
0.2429

 101.7734, 0.3090,
0.2626

 28.8869, 0.3054,
0.2335


130.2470, 0.3095,
0.2673

 18.9953, 0.3036,
0.2218


163.5902, 0.3099,
0.2714

 11.6669, 0.3009,
0.2071

202.1873, 0.3102,
0.2750

 6.5173, 0.2968,
0.1879

246.4229, 0.3104,
0.2782

 3.1621, 0.2900,
0.1620


296.6811, 0.3107,

 1.2169, 0.2776,


0.2810


0.1262


353.3465, 0.3108,
0.2835

 0.0755, 0.2672,
0.0205


 0.0000, 0.0000,
0.0000


 57.8974, 0.3077,
0.2506


 57.8974, 0.3077,
0.2506


 48.1145, 0.3053,
0.2250


 69.5778, 0.3097,
0.2768


 40.1194, 0.3024,
0.2009

 83.2482, 0.3114,
0.3027

 33.7982, 0.2992,
0.1795

 99.0002, 0.3127,
0.3276

 29.0221, 0.2958,
0.1617

 100.0000, 0.3127,
0.3290

■ 25.6429, 0.2921,
0.1481

■ 23.4839, 0.2884,
0.1392

■ 22.3021, 0.2849,
0.1343

Harmonies

Analogous

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



57.8974, 0.2523, 0.2344



57.8974, 0.3077, 0.2506



57.8974, 0.3703, 0.2833

Triad

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



57.8974, 0.3077, 0.2506



57.8974, 0.4146, 0.4162



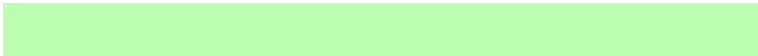
57.8974, 0.2161, 0.3170

Complementary

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



57.8974, 0.3077, 0.2506



85.3802, 0.3151, 0.4176

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.



57.8974, 0.2530, 0.3802



57.8974, 0.3077, 0.2506



57.8974, 0.3674, 0.4401

Square

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



57.8974, 0.3077, 0.2506



57.8974, 0.4349, 0.3739



57.8974, 0.3081, 0.4289



57.8974, 0.2038, 0.2662

Rectangle

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



57.8974, 0.3077, 0.2506



57.8974, 0.4056, 0.3115



57.8974, 0.3081, 0.4289



57.8974, 0.2258, 0.3378

Sweetspot

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



57.8989, 0.3077, 0.2506



85.6144, 0.3116, 0.3067



52.8287, 0.2598, 0.2527



17.8617, 0.3114, 0.3030



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.



57.8989, 0.3077, 0.2506



51.4175, 0.3062, 0.2341



58.2850, 0.3379, 0.2777



18.1633, 0.3115, 0.3054



11.7031, 0.2855, 0.1347



1.1735, 0.2898, 0.1370

Inverse Universe

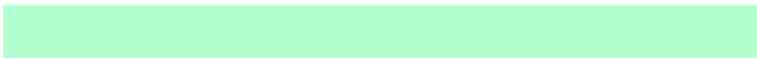
The Inverse Universe completely reimagines the original color for something new.



56.3295, 0.3724, 0.3177



49.6804, 0.3906, 0.3153



85.2397, 0.2941, 0.3867



18.0287, 0.3272, 0.3257



11.1874, 0.6217, 0.3199



1.1013, 0.5956, 0.3055

Previews

White Background



This preview shows how the Yxy color 57.8974, 0.3077, 0.2506 looks on a white background.

Color Contrast Check

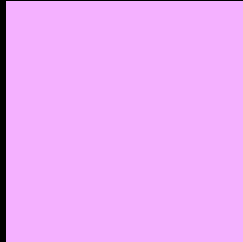
Large Text (above 18pt) WCAG AA × Fail

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 57.8974, 0.3077, 0.2506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

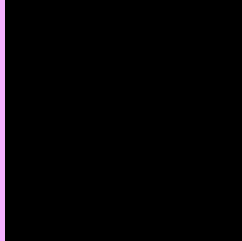
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8974, 0.3077, 0.2506

Background



This preview shows how black text looks on a background with the Yxy color 57.8974, 0.3077, 0.2506.

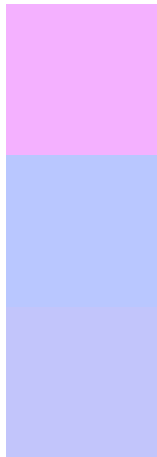


This preview shows how white text looks on a background with the Yxy color 57.8974, 0.3077, 0.2506.

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

57.8974, 0.3077, 0.2506

Protanopia

58.3811, 0.2662, 0.2658

Deuteranopia

58.3669, 0.2743, 0.2685



Tritanopia

57.6378, 0.3419, 0.3127

Trichromacy



Original Color

57.8974, 0.3077, 0.2506



Protanomaly

57.6034, 0.2796, 0.2593



Deuteranomaly

57.8522, 0.2858, 0.2619



Tritanomaly

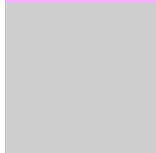
57.4382, 0.3295, 0.2886

Monochromacy



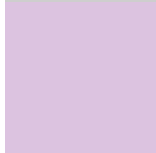
Original Color

57.8974, 0.3077, 0.2506



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.6277, 0.3111, 0.2969

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8974, 0.3077, 0.2506 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, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 177, 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, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 177, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.8974, 0.3077, 0.2506 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, 177, 255) }
```

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

```
.border{ border-color:rgb(244, 177, 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, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 177,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8974, 0.3077, 0.2506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 177, 255) }
```

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

```
.background{ background-color: rgb(244,  
177, 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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