

Converting Colors

$Yxy(67.6977, 0.3125, 0.2717)$

Have a look what the booklet for
Yxy(67.6977, 0.3125, 0.2717)
contains.

| | |
|-------------------------------------------|----|
| Yxy(67.6617, 0.3124, 0.2717) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(67.6617, 0.3124, 0.2717)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FBC5FF |
| RGB | 251, 197, 255 |
| RGB Percent | 98%, 77%, 100% |
| CMY | 0.0157, 0.2274, 0.0000 |
| CMYK | 0.02, 0.23, 0.00, 0.00 |
| HSL | 296°, 100%, 89% |
| HSV | 296°, 23%, 100% |
| XYZ | 77.7973, 67.6617, 103.5720 |
| YIQ | 219.7580, 13.5660, 29.4860 |

Conversions

Conversions Part 2

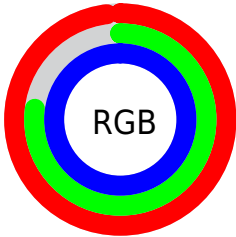
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 251, 197, 255 |
| Decimal | 16500223 |
| CIE _{Lab} | 85.84, 28.76, -21.11 |
| CIE _{LCh} | 86, 35.677, 323.717 |
| Yxy | 67.6617, 0.3124, 0.2717 |
| Android (android.graphics.Color) | 4294690303 (0xFFFFBC5FF) |
| YUV | 219.7580, 17.3743, 27.3992 |
| Hunter-Lab | 82.2567, 24.8735, -17.0741 |

Details

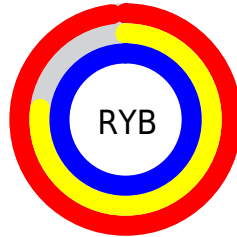
The Yxy color $67.6617, 0.3124, 0.2717$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $87.9720, 0.3122, 0.3927$, and the grayscale version is $71.2634, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.3636, 0.3128, 0.3281$, and $35.1915, 0.3120, 0.2598$ is the 20% darker color. If you saturate the color by 10%, you get $56.7200, 0.3120, 0.2462$, and if you desaturate by 10%, it is $80.5701, 0.3127, 0.2973$.

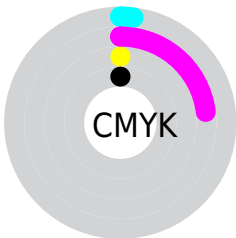
Distribution



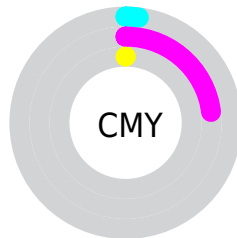
- Red (98%)
- Green (77%)
- Blue (100%)



- Red (98%)
- Yellow (77%)
- Blue (100%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.6617, 0.3124, 0.2717 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 67.6617, 0.3124, 0.2717 by changing the saturation by 10% instead.


 67.6617, 0.3124,
0.2717

 67.6617, 0.3124,
0.2717


452.2965, 0.3131,
0.2973

 49.6226, 0.3121,
0.2661


115.8680, 0.3127,
0.2804

 35.1136, 0.3118,
0.2593


146.8040, 0.3128,
0.2838

 23.7504, 0.3112,
0.2508


182.8078, 0.3129,
0.2868

 15.1486, 0.3103,
0.2401

224.2637, 0.3129,
0.2894

 8.9237, 0.3090,
0.2260

271.5561, 0.3130,
0.2917

 4.6915, 0.3065,
0.2069


325.0694, 0.3130,


 2.0674, 0.3018,


0.2938


0.1795

385.1881, 0.3130,
0.2956


 0.6462, 0.2928,
0.1341


 0.0000, 0.2132,
0.0000


 67.6617, 0.3124,
0.2717


 67.6617, 0.3124,
0.2717

 56.7200, 0.3120,
0.2462


 80.5701, 0.3127,
0.2973

 47.6391, 0.3113,
0.2218

 95.5293, 0.3127,
0.3223

 40.3142, 0.3103,
0.1995

100.0000, 0.3127,
0.3290

 34.6276, 0.3092,
0.1801

■ 30.4468, 0.3078,
0.1647

■ 27.6188, 0.3062,
0.1537

■ 25.9581, 0.3045,
0.1471

■ 25.2872, 0.3033,
0.1444

Harmonies

Analogous

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



67.6617, 0.2709, 0.2588



67.6617, 0.3124, 0.2717



67.6617, 0.3568, 0.2973

Triad

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



67.6617, 0.3124, 0.2717



67.6617, 0.3859, 0.3953



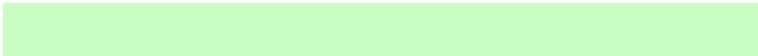
67.6617, 0.2406, 0.3193

Complementary

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



67.6617, 0.3124, 0.2717



87.9720, 0.3122, 0.3927

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.



67.6617, 0.2679, 0.3628



67.6617, 0.3124, 0.2717



67.6617, 0.3515, 0.4086

Square

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



67.6617, 0.3124, 0.2717



67.6617, 0.4007, 0.3662



67.6617, 0.3082, 0.3973



67.6617, 0.2318, 0.2828

Rectangle

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



67.6617, 0.3124, 0.2717



67.6617, 0.3811, 0.3192



67.6617, 0.3082, 0.3973



67.6617, 0.2478, 0.3337

Sweetspot

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



67.6642, 0.3124, 0.2717



88.9019, 0.3127, 0.3118



61.2588, 0.2744, 0.2704



18.8342, 0.3127, 0.3103



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.



67.6642, 0.3124, 0.2717



62.7691, 0.3122, 0.2608



66.9573, 0.3331, 0.2950



18.2327, 0.3127, 0.3055



13.2403, 0.3036, 0.1446



1.3076, 0.3057, 0.1458

Inverse Universe

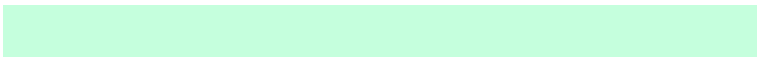
The Inverse Universe completely reimagines the original color for something new.



65.4150, 0.3565, 0.3250



60.1988, 0.3674, 0.3242



88.6213, 0.2965, 0.3657



18.0074, 0.3284, 0.3274



11.1385, 0.6330, 0.3261



1.0913, 0.6171, 0.3173

Previews

White Background



This preview shows how the Yxy color 67.6617, 0.3124, 0.2717 looks on a white background.

Color Contrast Check

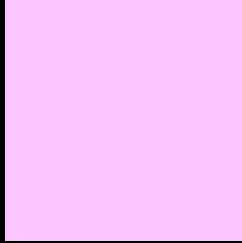
Large Text (above 18pt) WCAG AA × Fail

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 67.6617, 0.3124, 0.2717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

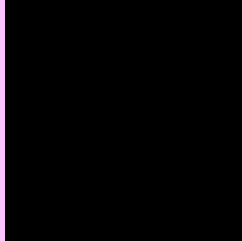
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.6617, 0.3124, 0.2717

Background



This preview shows how black text looks on a background with the Yxy color 67.6617, 0.3124, 0.2717.



This preview shows how white text looks on a background with the Yxy color 67.6617, 0.3124, 0.2717.

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

67.6617, 0.3124, 0.2717

Protanopia

67.7876, 0.2805, 0.2837

Deuteranopia

68.0905, 0.2902, 0.2835



Tritanopia

67.4192, 0.3343, 0.3124

Trichromacy



Original Color

67.6617, 0.3124, 0.2717



Protanomaly

67.3752, 0.2916, 0.2787



Deuteranomaly

67.6414, 0.2977, 0.2784



Tritanomaly

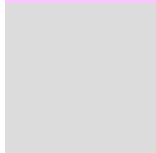
67.5559, 0.3264, 0.2973

Monochromacy



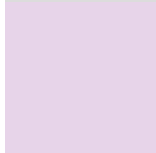
Original Color

67.6617, 0.3124, 0.2717



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

69.9591, 0.3123, 0.3068

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6617, 0.3124, 0.2717 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(251, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(251, 197, 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(251, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 197, 255) }
```

Border

The CSS property to change the border of an element to Yxy 67.6617, 0.3124, 0.2717 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(251, 197, 255) }
```

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

```
.border{ border-color:rgb(251, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(251, 197,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6617, 0.3124, 0.2717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 197, 255) }
```

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

```
.background{ background-color: rgb(251,  
197, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor