

Converting Colors

$Y_{xy}(77.3997, 0.3123, 0.2970)$

Have a look what the booklet for
Yxy(77.3997, 0.3123, 0.2970)
contains.

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Color

Yxy(77.5845, 0.3121, 0.2973)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F8DBFB |
| RGB | 248, 219, 251 |
| RGB Percent | 97%, 86%, 98% |
| CMY | 0.0275, 0.1411, 0.0158 |
| CMYK | 0.01, 0.13, 0.00, 0.02 |
| HSL | 294°, 80%, 92% |
| HSV | 294°, 13%, 98% |
| XYZ | 81.4468, 77.5845, 101.9324 |
| YIQ | 231.3190, 7.0120, 16.1000 |

Conversions

Conversions Part 2

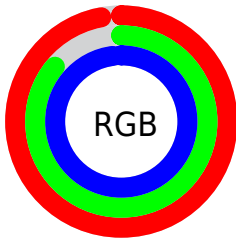
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 248, 219, 251 |
| Decimal | 16309243 |
| CIE _{Lab} | 90.59, 15.47, -11.87 |
| CIE _{LCh} | 91, 19.506, 322.499 |
| Yxy | 77.5845, 0.3121, 0.2973 |
| Android (android.graphics.Color) | 4294499323 (0xFFF8DBFB) |
| YUV | 231.3190, 9.7027, 14.6292 |
| Hunter-Lab | 88.0821, 10.9098, -6.9555 |

Details

The Yxy color $77.5845, 0.3121, 0.2973$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.6303, 0.3130, 0.3625$, and the grayscale version is $80.0834, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $41.5223, 0.3118, 0.2909$ is the 20% darker color. If you saturate the color by 10%, you get $65.0353, 0.3113, 0.2716$, and if you desaturate by 10%, it is $92.1201, 0.3126, 0.3223$.

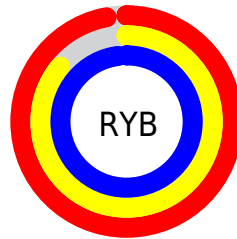
Distribution



Red (97%)

Green (86%)

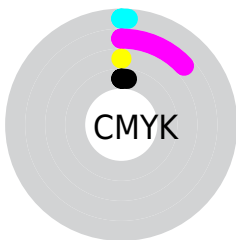
Blue (98%)



Red (97%)

Yellow (86%)

Blue (98%)

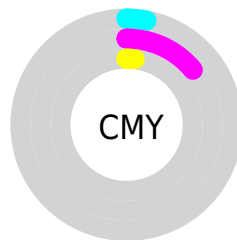


Cyan (1%)

Magenta (13%)

Yellow (0%)

Black (2%)



Cyan (3%)


Magenta (14%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.5845, 0.3121, 0.2973 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 77.5845, 0.3121, 0.2973 by changing the saturation by 10% instead.

 77.5845, 0.3121,
0.2973

 77.5845, 0.3121,
0.2973

486.7546, 0.3125,
0.3114

 57.7327, 0.3120,
0.2942


129.9642, 0.3123,
0.3021

 41.5938, 0.3118,
0.2904


163.2610, 0.3123,
0.3040

 28.7834, 0.3115,
0.2857


201.8082, 0.3124,
0.3057

 18.9170, 0.3112,
0.2797

245.9902, 0.3124,
0.3071

 11.6103, 0.3106,
0.2718

296.1915, 0.3125,
0.3084

 6.4789, 0.3097,
0.2608

352.7963, 0.3125,

 3.1384, 0.3081,

0.3095

0.2448

416.1893, 0.3125,
0.3105

■ 1.2044, 0.3046,
0.2192

■ 0.0653, 0.3127,
0.0464

■ 77.5845, 0.3121,
0.2973

■ 77.5845, 0.3121,
0.2973

■ 65.0353, 0.3113,
0.2716

■ 92.1201, 0.3126,
0.3223

■ 54.3744, 0.3103,
0.2459

■ 99.3090, 0.3136,
0.3328

■ 45.5104, 0.3090,
0.2212

■ 99.7438, 0.3150,
0.3328

■ 38.3403, 0.3074,
0.1984

■ 32.7507, 0.3055,
0.1786

■ 28.6142, 0.3034,
0.1626

■ 25.7839, 0.3011,
0.1511

■ 24.0815, 0.2987,
0.1439

■ 23.3608, 0.2969,
0.1409

Harmonies

Analogous

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



77.5845, 0.2901, 0.2908



77.5845, 0.3121, 0.2973



77.5845, 0.3350, 0.3115

Triad

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



77.5845, 0.3121, 0.2973



77.5845, 0.3519, 0.3641



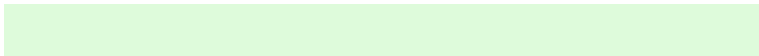
77.5845, 0.2746, 0.3257

Complementary

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



77.5845, 0.3121, 0.2973



89.6303, 0.3130, 0.3625

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.



77.5845, 0.2901, 0.3473



77.5845, 0.3121, 0.2973



77.5845, 0.3347, 0.3699

Square

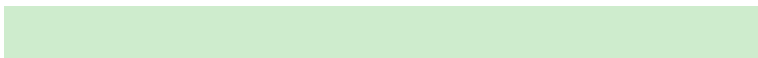
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



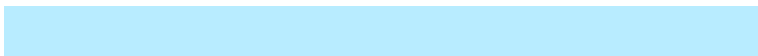
77.5845, 0.3121, 0.2973



77.5845, 0.3585, 0.3494



77.5845, 0.3120, 0.3638



77.5845, 0.2690, 0.3062

Rectangle

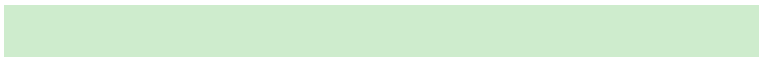
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.5845, 0.3121, 0.2973



77.5845, 0.3475, 0.3237



77.5845, 0.3120, 0.3638



77.5845, 0.2788, 0.3330

Sweetspot

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



77.5878, 0.3121, 0.2973



93.4826, 0.3126, 0.3192



74.3820, 0.2924, 0.2988



19.7550, 0.3125, 0.3174



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.



77.5878, 0.3121, 0.2973



77.3018, 0.3120, 0.2915



77.3617, 0.3227, 0.3099



17.4368, 0.3123, 0.3055



12.3162, 0.2974, 0.1412



1.1641, 0.3003, 0.1428

Inverse Universe

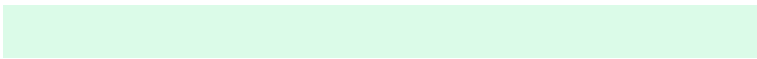
The Inverse Universe completely reimagines the original color for something new.



76.4521, 0.3339, 0.3260



75.9424, 0.3384, 0.3255



89.8599, 0.3038, 0.3489



17.2517, 0.3279, 0.3268



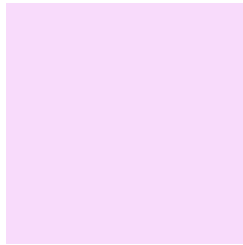
10.8233, 0.6296, 0.3242



1.0111, 0.6083, 0.3125

Previews

White Background



This preview shows how the Yxy color 77.5845, 0.3121, 0.2973 looks on a white background.

Color Contrast Check

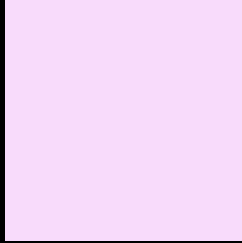
Large Text (above 18pt) WCAG AA × Fail

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 77.5845, 0.3121, 0.2973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

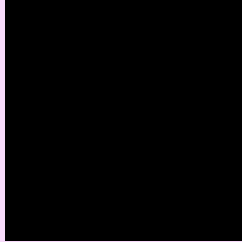
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

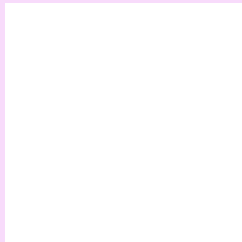
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.5845, 0.3121, 0.2973

Background



This preview shows how black text looks on a background with the Yxy color 77.5845, 0.3121, 0.2973.

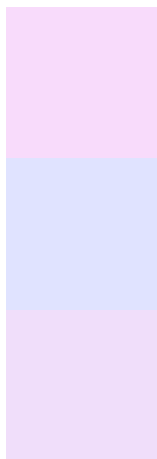


This preview shows how white text looks on a background with the Yxy color 77.5845, 0.3121, 0.2973.

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

77.5845, 0.3121, 0.2973

Protanopia

78.0055, 0.2934, 0.3001

Deuteranopia

77.6699, 0.3071, 0.3008



Tritanopia

77.4788, 0.3192, 0.3119

Trichromacy



Original Color

77.5845, 0.3121, 0.2973

Protanomaly

77.7907, 0.2999, 0.2985

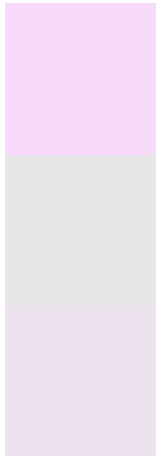
Deuteranomaly

77.6697, 0.3092, 0.2999

Tritanomaly

77.4316, 0.3166, 0.3060

Monochromacy



Original Color

77.5845, 0.3121, 0.2973

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.1157, 0.3126, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.5845, 0.3121, 0.2973 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(248, 219, 251)` looks like.

```
.text, #text, p{  
    color:rgb(248, 219, 251)  
}
```

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(248, 219, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 219, 251) }
```

Border

The CSS property to change the border of an element to Yxy 77.5845, 0.3121, 0.2973 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(248, 219, 251) }
```

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

```
.border{ border-color:rgb(248, 219, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 219, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 219, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 219, 251);  
box-shadow:4px 4px 4px 4px rgb(248, 219,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 77.5845, 0.3121, 0.2973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 219, 251) }
```

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

```
.background{ background-color: rgb(248,  
219, 251) }
```

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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