

Converting Colors

$Yxy(78.2644, 0.3133, 0.3021)$

Have a look what the booklet for
Yxy(78.2644, 0.3133, 0.3021)
contains.

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Color

Yxy(78.2644, 0.3133, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	F7DDF8
RGB	247, 221, 248
RGB Percent	97%, 87%, 97%
CMY	0.0312, 0.1334, 0.0274
CMYK	0.00, 0.11, 0.00, 0.03
HSL	298°, 66%, 92%
HSV	298°, 11%, 97%
XYZ	81.1660, 78.2644, 99.6375
YIQ	231.8520, 6.8290, 13.9090

Conversions

Conversions Part 2

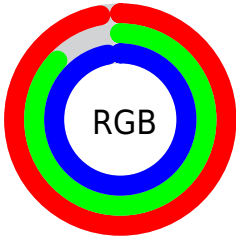
Format	Color
R _Y B	247, 221, 248
Decimal	16244216
CIE Lab	90.90, 13.59, -9.86
CIE LCh	91, 16.790, 324.038
Yxy	78.2644, 0.3133, 0.3021
Android (android.graphics.Color)	4294434296 (0xFFF7DDF8)
YUV	231.8520, 7.9610, 13.2848
Hunter-Lab	88.4672, 8.9508, -4.8492

Details

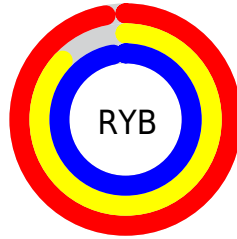
The Yxy color **78.2644, 0.3133, 0.3021** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **87.8815, 0.3120, 0.3573**, and the grayscale version is **80.5199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1546, 0.3134, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **65.9635, 0.3138, 0.2768**, and if you desaturate by 10%, it is **92.5071, 0.3128, 0.3268**.

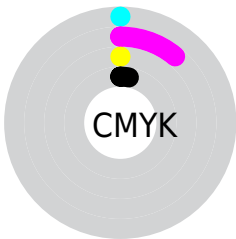
Distribution



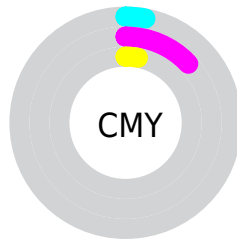
- Red (97%)
- Green (87%)
- Blue (97%)



- Red (97%)
- Yellow (87%)
- Blue (97%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.2644, 0.3133, 0.3021 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 78.2644, 0.3133, 0.3021 by changing the saturation by 10% instead.


 78.2644, 0.3133,
0.3021

 78.2644, 0.3133,
0.3021

489.0643, 0.3131,
0.3141

 58.2912, 0.3133,
0.2994

130.9228, 0.3133,
0.3062

 42.0428, 0.3133,
0.2962


164.3767, 0.3133,
0.3078

 29.1348, 0.3133,
0.2922


203.0931, 0.3132,
0.3092

 19.1828, 0.3132,
0.2870

247.4562, 0.3132,
0.3104

 11.8025, 0.3131,
0.2802

297.8505, 0.3132,
0.3115

 6.6093, 0.3128,
0.2708

354.6603, 0.3132,

 3.2190, 0.3122,

0.3125

0.2569

418.2701, 0.3132,
0.3134

■ 1.2471, 0.3106,
0.2344

■ 0.0997, 0.3221,
0.0753

■ 78.2644, 0.3133,
0.3021

■ 78.2644, 0.3133,
0.3021

■ 65.9635, 0.3138,
0.2768

■ 92.5071, 0.3128,
0.3268

■ 55.5098, 0.3141,
0.2515

■ 98.4035, 0.3129,
0.3358

■ 46.8160, 0.3143,
0.2273

■ 98.5676, 0.3135,
0.3357

■ 39.7836, 0.3143,
0.2050

■ 98.7324, 0.3140,
0.3357

34.3047, 0.3142,
0.1857

98.8981, 0.3146,
0.3357

30.2584, 0.3138,
0.1702

99.0645, 0.3151,
0.3357

27.5062, 0.3133,
0.1590

99.2317, 0.3157,
0.3357

25.8820, 0.3126,
0.1522

99.3997, 0.3162,
0.3357

25.1435, 0.3118,
0.1491

99.5575, 0.3168,
0.3357

Harmonies

Analogous

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



78.2644, 0.2942, 0.2961



78.2644, 0.3133, 0.3021



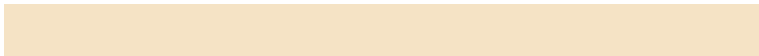
78.2644, 0.3328, 0.3147

Triad

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



78.2644, 0.3133, 0.3021



78.2644, 0.3458, 0.3597



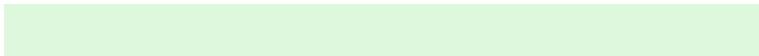
78.2644, 0.2794, 0.3254

Complementary

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



78.2644, 0.3133, 0.3021



87.8815, 0.3120, 0.3573

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.



78.2644, 0.2925, 0.3438



78.2644, 0.3133, 0.3021



78.2644, 0.3307, 0.3639

Square

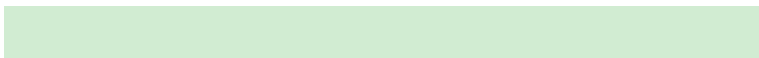
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.2644, 0.3133, 0.3021



78.2644, 0.3519, 0.3475



78.2644, 0.3112, 0.3582



78.2644, 0.2750, 0.3088

Rectangle

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



78.2644, 0.3133, 0.3021



78.2644, 0.3433, 0.3254



78.2644, 0.3112, 0.3582



78.2644, 0.2829, 0.3316

Sweetspot

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



78.2678, 0.3133, 0.3021



95.1637, 0.3129, 0.3217



74.5750, 0.2956, 0.3020



20.0993, 0.3129, 0.3197



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

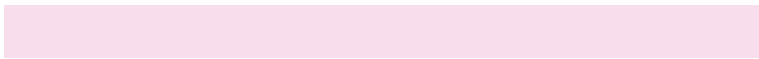
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.2678, 0.3133, 0.3021



80.4176, 0.3134, 0.2967



77.7147, 0.3220, 0.3141



17.4909, 0.3132, 0.3056



13.5960, 0.3119, 0.1492



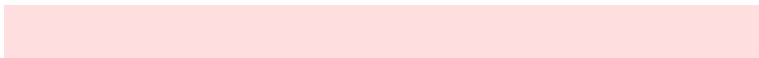
1.2689, 0.3131, 0.1498

Inverse Universe

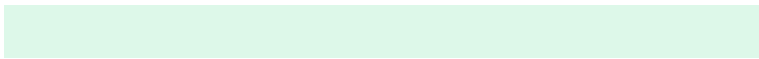
The Inverse Universe completely reimagines the original color for something new.



76.9394, 0.3315, 0.3281



78.7529, 0.3358, 0.3279



88.4002, 0.3043, 0.3444



17.2353, 0.3288, 0.3282



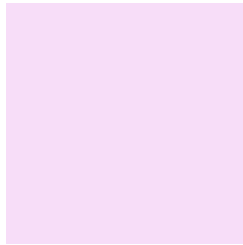
10.7954, 0.6364, 0.3279



1.0033, 0.6274, 0.3230

Previews

White Background



This preview shows how the Yxy color 78.2644, 0.3133, 0.3021 looks on a white background.

Color Contrast Check

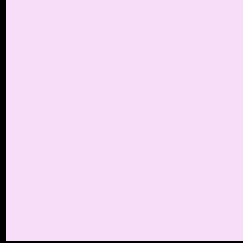
Large Text (above 18pt) WCAG AA × Fail

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 78.2644, 0.3133, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

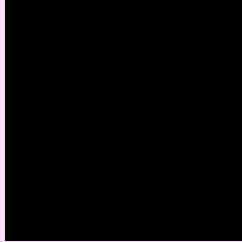
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.2644, 0.3133, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 78.2644, 0.3133, 0.3021.

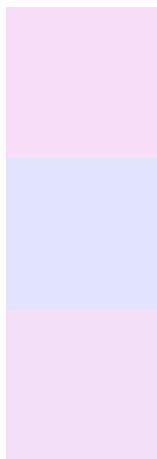


This preview shows how white text looks on a background with the Yxy color 78.2644, 0.3133, 0.3021.

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

78.2644, 0.3133, 0.3021

Protanopia

78.1352, 0.2965, 0.3032

Deuteranopia

78.6073, 0.3104, 0.3039



Tritanopia

78.1267, 0.3178, 0.3109

Trichromacy



Original Color

78.2644, 0.3133, 0.3021

Protanomaly

78.3079, 0.3024, 0.3025

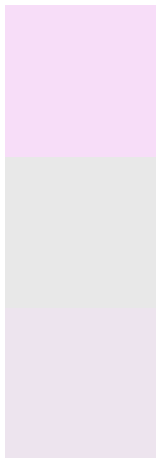
Deuteranomaly

78.2530, 0.3112, 0.3030

Tritanomaly

78.3064, 0.3158, 0.3079

Monochromacy



Original Color

78.2644, 0.3133, 0.3021

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.6644, 0.3125, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2644, 0.3133, 0.3021 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, 221, 248)` looks like.

```
.text, #text, p{  
    color:rgb(247, 221, 248)  
}
```

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, 221, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 221, 248) }
```

Border

The CSS property to change the border of an element to Yxy 78.2644, 0.3133, 0.3021 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, 221, 248) }
```

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

```
.border{ border-color:rgb(247, 221, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 221, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 221, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 221, 248);  
box-shadow:4px 4px 4px 4px rgb(247, 221,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2644, 0.3133, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 221, 248) }
```

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

```
.background{ background-color: rgb(247,  
221, 248) }
```

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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