

Converting Colors

Yxy(82.5795, 0.2762, 0.2463)

Have a look what the booklet for
Yxy(82.5795, 0.2762, 0.2463)
contains.

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Color

Yxy(78.1806, 0.3088, 0.2944)

Conversions

Conversions Part 1

Format	Color
Hex	F7DCFF
RGB	247, 220, 255
RGB Percent	97%, 86%, 100%
CMY	0.0313, 0.1373, 0.0000
CMYK	0.03, 0.14, 0.00, 0.00
HSL	286°, 100%, 93%
HSV	286°, 14%, 100%
XYZ	82.0047, 78.1806, 105.3739
YIQ	232.0630, 4.8570, 16.6090

Conversions

Conversions Part 2

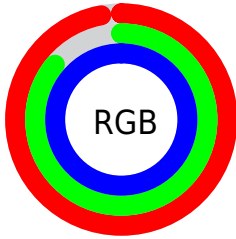
Format	Color
R _Y B	247, 220, 255
Decimal	16243967
CIE Lab	90.86, 15.38, -13.58
CIE LCh	91, 20.521, 318.556
Yxy	78.1806, 0.3088, 0.2944
Android (android.graphics.Color)	4294434047 (0xFFF7DCFF)
YUV	232.0630, 11.3079, 13.0997
Hunter-Lab	88.4198, 10.8146, -8.7647

Details

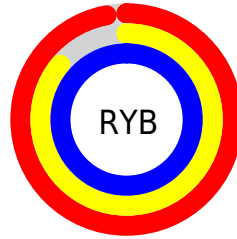
The Yxy color $78.1806, 0.3088, 0.2944$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $93.1777, 0.3160, 0.3650$, and the grayscale version is $80.6601, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.0638, 0.3084, 0.2874$ is the 20% darker color. If you saturate the color by 10%, you get $64.7631, 0.3052, 0.2679$, and if you desaturate by 10%, it is $93.6793, 0.3118, 0.3199$.

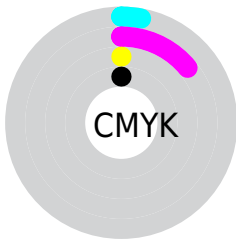
Distribution



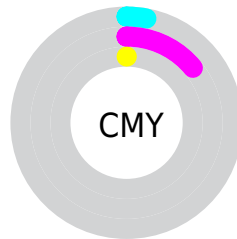
- Red (97%)
- Green (86%)
- Blue (100%)



- Red (97%)
- Yellow (86%)
- Blue (100%)



- Cyan (3%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1806, 0.3088, 0.2944 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 78.1806, 0.3088, 0.2944 by changing the saturation by 10% instead.

 78.1806, 0.3088,
0.2944

 78.1806, 0.3088,
0.2944


488.7799, 0.3108,
0.3098

 58.2223, 0.3083,
0.2910


130.8047, 0.3095,
0.2996

 41.9874, 0.3077,
0.2869

164.2393, 0.3098,
0.3017

 29.0914, 0.3069,
0.2818


202.9348, 0.3100,
0.3035

 19.1500, 0.3059,
0.2753

247.2757, 0.3102,
0.3051

 11.7787, 0.3044,
0.2668

297.6462, 0.3104,
0.3064

 6.5932, 0.3022,
0.2551

354.4308, 0.3105,

 3.2090, 0.2985,

0.3077

0.2380

418.0139, 0.3106,
0.3088

■ 1.2418, 0.2917,
0.2111

■ 0.0955, 0.2882,
0.0590

■ 78.1806, 0.3088,
0.2944

■ 78.1806, 0.3088,
0.2944

■ 64.7631, 0.3052,
0.2679

■ 93.6793, 0.3118,
0.3199

■ 53.3241, 0.3010,
0.2409

99.9999, 0.3127,
0.3290

■ 43.7676, 0.2962,
0.2145

■ 35.9852, 0.2908,
0.1896

■ 29.8574, 0.2849,
0.1674

■ 25.2498, 0.2788,
0.1490

■ 22.0066, 0.2725,
0.1351

■ 19.9378, 0.2664,
0.1259

■ 19.0690, 0.2627,
0.1221

Harmonies

Analogous

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



78.1806, 0.2863, 0.2888



78.1806, 0.3088, 0.2944



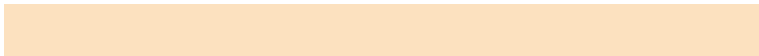
78.1806, 0.3332, 0.3083

Triad

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



78.1806, 0.3088, 0.2944



78.1806, 0.3554, 0.3642



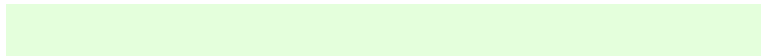
78.1806, 0.2743, 0.3285

Complementary

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



78.1806, 0.3088, 0.2944



93.1777, 0.3160, 0.3650

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.



78.1806, 0.2917, 0.3509



78.1806, 0.3088, 0.2944



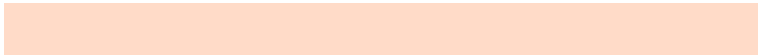
78.1806, 0.3386, 0.3718

Square

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



78.1806, 0.3088, 0.2944



78.1806, 0.3607, 0.3478



78.1806, 0.3152, 0.3671



78.1806, 0.2670, 0.3073

Rectangle

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



78.1806, 0.3088, 0.2944



78.1806, 0.3470, 0.3208



78.1806, 0.3152, 0.3671



78.1806, 0.2792, 0.3362

Sweetspot

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



78.1840, 0.3088, 0.2944



93.2253, 0.3117, 0.3192



78.0144, 0.2909, 0.3011



19.6896, 0.3115, 0.3173



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.



78.1840, 0.3088, 0.2944



74.9521, 0.3080, 0.2884



79.0799, 0.3205, 0.3038



18.0792, 0.3101, 0.3053



10.0343, 0.2636, 0.1226



1.0255, 0.2705, 0.1264

Inverse Universe

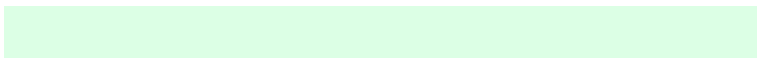
The Inverse Universe completely reimagines the original color for something new.



78.0470, 0.3326, 0.3211



74.8094, 0.3364, 0.3197



92.4108, 0.3058, 0.3556



18.0549, 0.3258, 0.3236



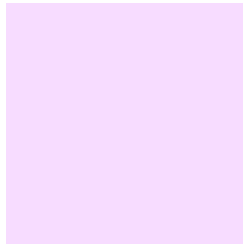
11.2878, 0.6002, 0.3080



1.1148, 0.5693, 0.2910

Previews

White Background



This preview shows how the Yxy color 78.1806, 0.3088, 0.2944 looks on a white background.

Color Contrast Check

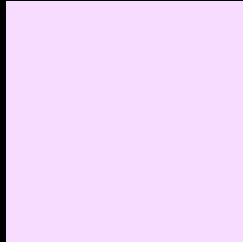
Large Text (above 18pt) WCAG AA × Fail

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 78.1806, 0.3088, 0.2944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

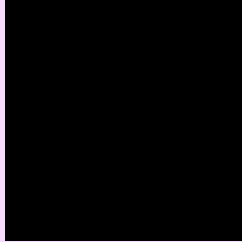
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

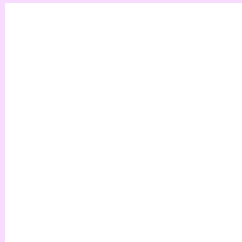
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1806, 0.3088, 0.2944

Background



This preview shows how black text looks on a background with the Yxy color 78.1806, 0.3088, 0.2944.

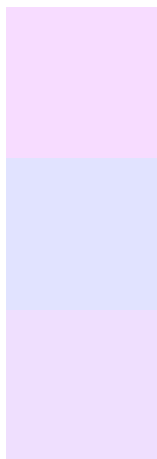


This preview shows how white text looks on a background with the Yxy color 78.1806, 0.3088, 0.2944.

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

78.1806, 0.3088, 0.2944

Protanopia

78.1657, 0.2941, 0.3002

Deuteranopia

78.2818, 0.3039, 0.2979



Tritanopia

78.4791, 0.3170, 0.3119

Trichromacy



Original Color

78.1806, 0.3088, 0.2944

Protanomaly

77.8549, 0.2993, 0.2975

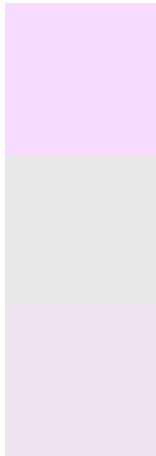
Deuteranomaly

78.2756, 0.3060, 0.2970

Tritanomaly

78.4280, 0.3145, 0.3060

Monochromacy



Original Color

78.1806, 0.3088, 0.2944

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

79.7826, 0.3112, 0.3167

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1806, 0.3088, 0.2944 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, 220, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 220, 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, 220, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 220, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.1806, 0.3088, 0.2944 is called "border". The border property can be set on classes, ids or directly on the HTML element.

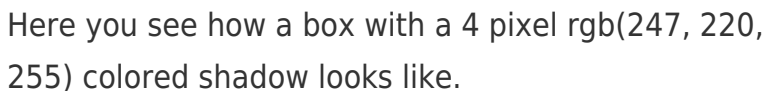
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(247, 220, 255) }
```

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

```
.border{ border-color:rgb(247, 220, 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, 220, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 220, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 220, 255); box-shadow:4px 4px 4px 4px rgb(247, 220, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1806, 0.3088, 0.2944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 220, 255) }
```

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

```
.background{ background-color: rgb(247,  
220, 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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