

Converting Colors

$Yxy(80.6885, 0.3108, 0.3017)$

Have a look what the booklet for
Yxy(80.6885, 0.3108, 0.3017)
contains.

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Color

Yxy(80.8352, 0.3112, 0.3024)

Conversions

Conversions Part 1

Format	Color
Hex	F8E1FC
RGB	248, 225, 252
RGB Percent	97%, 88%, 99%
CMY	0.0277, 0.1175, 0.0119
CMYK	0.02, 0.11, 0.00, 0.01
HSL	291°, 82%, 94%
HSV	291°, 11%, 99%
XYZ	83.1875, 80.8352, 103.2894
YIQ	234.9550, 5.0410, 13.2730

Conversions

Conversions Part 2

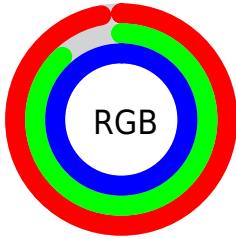
Format	Color
R _Y B	248, 225, 252
Decimal	16310780
CIE Lab	92.06, 12.51, -10.21
CIE LCh	92, 16.142, 320.777
Yxy	80.8352, 0.3112, 0.3024
Android (android.graphics.Color)	4294500860 (0xFF8E1FC)
YUV	234.9550, 8.4032, 11.4405
Hunter-Lab	89.9084, 7.8170, -5.1782

Details

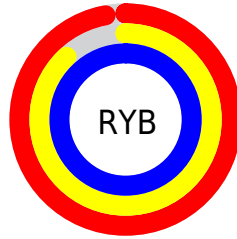
The Yxy color **80.8352, 0.3112, 0.3024** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.7093, 0.3139, 0.3567**, and the grayscale version is **82.9703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.8960, 0.3115, 0.2975** is the 20% darker color. If you saturate the color by 10%, you get **67.5211, 0.3094, 0.2765**, and if you desaturate by 10%, it is **96.1804, 0.3126, 0.3273**.

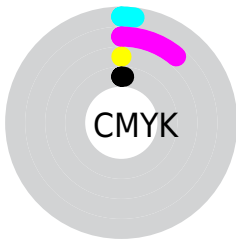
Distribution



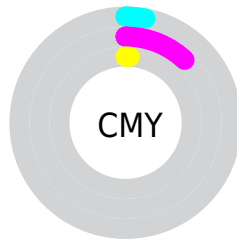
- Red (97%)
- Green (88%)
- Blue (99%)



- Red (97%)
- Yellow (88%)
- Blue (99%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (1%)





- Cyan (3%)
- Magenta (12%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.8352, 0.3112, 0.3024 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 80.8352, 0.3112, 0.3024 by changing the saturation by 10% instead.

 80.8352, 0.3112,
0.3024

 80.8352, 0.3112,
0.3024


497.7431, 0.3120,
0.3142

 60.4059, 0.3110,
0.2998


134.5393, 0.3115,
0.3064

 43.7459, 0.3107,
0.2966


168.5830, 0.3116,
0.3080

 30.4708, 0.3104,
0.2927


207.9335, 0.3117,
0.3094

 20.1962, 0.3099,
0.2877

252.9752, 0.3118,
0.3106

 12.5377, 0.3093,
0.2811

304.0927, 0.3118,
0.3117

 7.1110, 0.3083,
0.2720

361.6702, 0.3119,

 3.5316, 0.3066,

0.3126

0.2587

426.0922, 0.3119,
0.3135

■ 1.4152, 0.3032,
0.2375

■ 0.2279, 0.3049,
0.1331

■ 80.8352, 0.3112,
0.3024

■ 80.8352, 0.3112,
0.3024

■ 67.5211, 0.3094,
0.2765

■ 96.1804, 0.3126,
0.3273

■ 56.1401, 0.3071,
0.2503

99.8065, 0.3145,
0.3319

■ 46.6012, 0.3045,
0.2246

■ 38.8023, 0.3014,
0.2004

■ 32.6311, 0.2979,
0.1788

■ 27.9624, 0.2942,
0.1608

■ 24.6523, 0.2903,
0.1471

■ 22.5286, 0.2863,
0.1380

■ 21.3631, 0.2826,
0.1331

Harmonies

Analogous

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



80.8352, 0.2933, 0.2975



80.8352, 0.3112, 0.3024



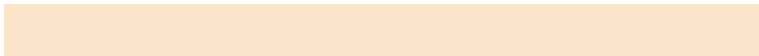
80.8352, 0.3300, 0.3139

Triad

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



80.8352, 0.3112, 0.3024



80.8352, 0.3453, 0.3573



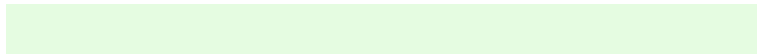
80.8352, 0.2820, 0.3275

Complementary

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



80.8352, 0.3112, 0.3024



91.7093, 0.3139, 0.3567

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.



80.8352, 0.2952, 0.3448



80.8352, 0.3112, 0.3024



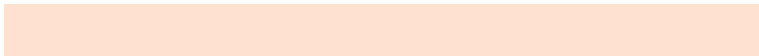
80.8352, 0.3317, 0.3622

Square

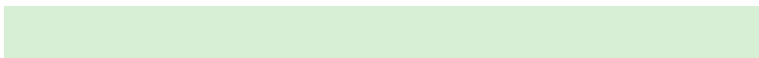
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.8352, 0.3112, 0.3024



80.8352, 0.3500, 0.3450



80.8352, 0.3133, 0.3577



80.8352, 0.2768, 0.3113

Rectangle

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



80.8352, 0.3112, 0.3024



80.8352, 0.3404, 0.3239



80.8352, 0.3133, 0.3577



80.8352, 0.2856, 0.3334

Sweetspot

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



80.8387, 0.3112, 0.3024



94.9993, 0.3123, 0.3217



79.1169, 0.2959, 0.3054



20.0547, 0.3122, 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.



80.8387, 0.3112, 0.3024



79.7142, 0.3108, 0.2965



81.0002, 0.3201, 0.3117



17.3853, 0.3114, 0.3055



11.1826, 0.2833, 0.1334



1.0703, 0.2881, 0.1361

Inverse Universe

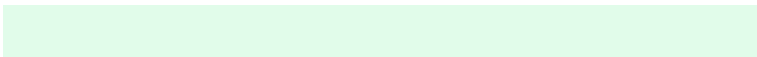
The Inverse Universe completely reimagines the original color for something new.



80.2174, 0.3291, 0.3250



78.9585, 0.3331, 0.3241



91.5826, 0.3060, 0.3469



17.2675, 0.3270, 0.3255



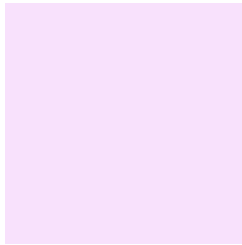
10.8655, 0.6197, 0.3188



1.0185, 0.5913, 0.3031

Previews

White Background



This preview shows how the Yxy color 80.8352, 0.3112, 0.3024 looks on a white background.

Color Contrast Check

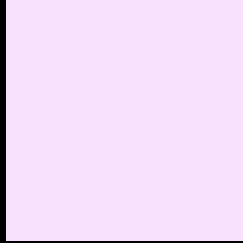
Large Text (above 18pt) WCAG AA × Fail

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 80.8352, 0.3112, 0.3024 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

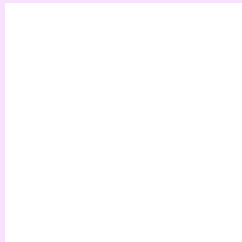
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.8352, 0.3112, 0.3024

Background



This preview shows how black text looks on a background with the Yxy color 80.8352, 0.3112, 0.3024.

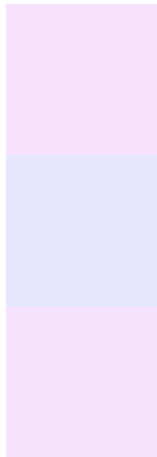


This preview shows how white text looks on a background with the Yxy color 80.8352, 0.3112, 0.3024.

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

80.8352, 0.3112, 0.3024

Protanopia

81.1948, 0.2973, 0.3046

Deuteranopia

81.0138, 0.3098, 0.3032



Tritanopia

80.6985, 0.3156, 0.3111

Trichromacy



Original Color

80.8352, 0.3112, 0.3024

Protanomaly

81.1989, 0.3025, 0.3039

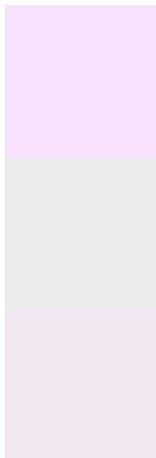
Deuteranomaly

81.1951, 0.3105, 0.3033

Tritanomaly

80.8823, 0.3137, 0.3081

Monochromacy



Original Color

80.8352, 0.3112, 0.3024

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.0280, 0.3125, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.8352, 0.3112, 0.3024 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, 225, 252)` looks like.

```
.text, #text, p{  
    color:rgb(248, 225, 252)  
}
```

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, 225, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 225, 252) }
```

Border

The CSS property to change the border of an element to Yxy 80.8352, 0.3112, 0.3024 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, 225, 252) }
```

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

```
.border{ border-color:rgb(248, 225, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 225, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 225, 252); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 225, 252); box-shadow:4px 4px 4px 4px rgb(248, 225, 252) }
```


Background

The CSS property to change the background color of an element to Yxy 80.8352, 0.3112, 0.3024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 225, 252) }
```

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

```
.background{ background-color: rgb(248,  
225, 252) }
```

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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