

Converting Colors

$Y_{xy}(78.7468, 0.3123, 0.2941)$

Have a look what the booklet for
Yxy(78.7468, 0.3123, 0.2941)
contains.

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Color

Yxy(78.5785, 0.3123, 0.2938)

Conversions

Conversions Part 1

Format	Color
Hex	FCDBFF
RGB	252, 219, 255
RGB Percent	99%, 86%, 100%
CMY	0.0117, 0.1412, 0.0001
CMYK	0.01, 0.14, 0.00, 0.00
HSL	295°, 100%, 93%
HSV	295°, 14%, 100%
XYZ	83.5264, 78.5785, 105.3508
YIQ	232.9710, 8.1120, 18.1920

Conversions

Conversions Part 2

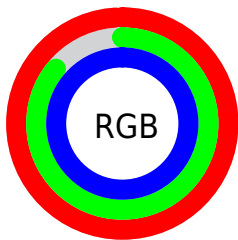
Format	Color
R _Y B	252, 219, 255
Decimal	16571391
CIE Lab	91.04, 17.53, -13.26
CIE LCh	91, 21.977, 322.902
Yxy	78.5785, 0.3123, 0.2938
Android (android.graphics.Color)	4294761471 (0xFFFCDBFF)
YUV	232.9710, 10.8603, 16.6884
Hunter-Lab	88.6445, 13.0660, -8.4129

Details

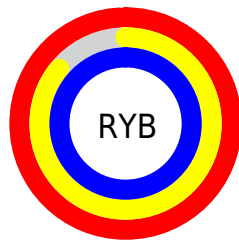
The Yxy color **78.5785, 0.3123, 0.2938** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **92.1434, 0.3128, 0.3664**, and the grayscale version is **81.3772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2302, 0.3120, 0.2866** is the 20% darker color. If you saturate the color by 10%, you get **65.8912, 0.3118, 0.2681**, and if you desaturate by 10%, it is **93.3146, 0.3126, 0.3190**.

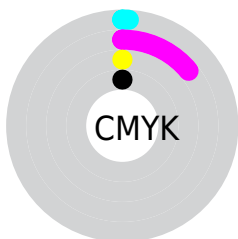
Distribution



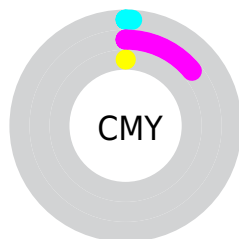
- Red (99%)
- Green (86%)
- Blue (100%)



- Red (99%)
- Yellow (86%)
- Blue (100%)



- Cyan (1%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)




- Cyan (1%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.5785, 0.3123, 0.2938 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 78.5785, 0.3123, 0.2938 by changing the saturation by 10% instead.

 78.5785, 0.3123,
0.2938

 78.5785, 0.3123,
0.2938

490.1293, 0.3127,
0.3094

 58.5493, 0.3122,
0.2904


131.3653, 0.3125,
0.2991

 42.2504, 0.3120,
0.2862


164.8917, 0.3125,
0.3012

 29.2974, 0.3118,
0.2811


203.6860, 0.3126,
0.3030

 19.3059, 0.3114,
0.2746

248.1326, 0.3126,
0.3046

 11.8916, 0.3108,
0.2660

298.6158, 0.3126,
0.3060

 6.6699, 0.3099,
0.2542

355.5200, 0.3126,

 3.2565, 0.3081,

0.3073

0.2372

419.2297, 0.3127,
0.3084

■ 1.2671, 0.3044,
0.2104

■ 0.1155, 0.3147,
0.0676

■ 78.5785, 0.3123,
0.2938

■ 78.5785, 0.3123,
0.2938

■ 65.8912, 0.3118,
0.2681

■ 93.3146, 0.3126,
0.3190

■ 55.1500, 0.3110,
0.2426

99.9984, 0.3127,
0.3290

■ 46.2587, 0.3099,
0.2182

■ 39.1091, 0.3086,
0.1960

■ 33.5814, 0.3070,
0.1769

■ 29.5409, 0.3052,
0.1618

■ 26.8311, 0.3032,
0.1511

■ 25.2605, 0.3011,
0.1448

■ 24.7081, 0.2999,
0.1426

Harmonies

Analogous

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



78.5785, 0.2876, 0.2864



78.5785, 0.3123, 0.2938



78.5785, 0.3381, 0.3097

Triad

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



78.5785, 0.3123, 0.2938



78.5785, 0.3564, 0.3685



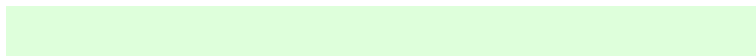
78.5785, 0.2699, 0.3249

Complementary

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



78.5785, 0.3123, 0.2938



92.1434, 0.3128, 0.3664

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.



78.5785, 0.2871, 0.3492



78.5785, 0.3123, 0.2938



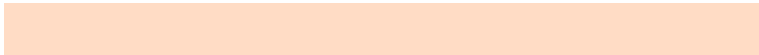
78.5785, 0.3369, 0.3750

Square

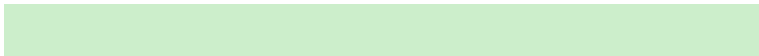
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5785, 0.3123, 0.2938



78.5785, 0.3641, 0.3519



78.5785, 0.3115, 0.3681



78.5785, 0.2639, 0.3030

Rectangle

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



78.5785, 0.3123, 0.2938



78.5785, 0.3521, 0.3233



78.5785, 0.3115, 0.3681



78.5785, 0.2745, 0.3331

Sweetspot

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



78.5819, 0.3123, 0.2938



93.5049, 0.3126, 0.3192



74.5228, 0.2900, 0.2945



19.7606, 0.3126, 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.



78.5819, 0.3123, 0.2938



74.7215, 0.3122, 0.2864



78.2113, 0.3244, 0.3083



18.2198, 0.3125, 0.3055



12.9451, 0.3003, 0.1428



1.2820, 0.3028, 0.1442

Inverse Universe

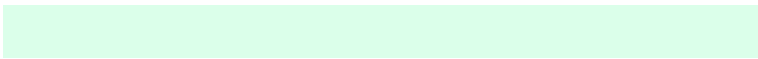
The Inverse Universe completely reimagines the original color for something new.



77.1928, 0.3369, 0.3261



73.0897, 0.3428, 0.3255



92.5053, 0.3026, 0.3507



18.0113, 0.3281, 0.3271



11.1455, 0.6313, 0.3252



1.0931, 0.6130, 0.3151

Previews

White Background



This preview shows how the Yxy color 78.5785, 0.3123, 0.2938 looks on a white background.

Color Contrast Check

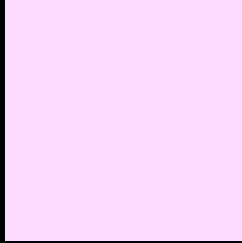
Large Text (above 18pt) WCAG AA × Fail

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 78.5785, 0.3123, 0.2938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

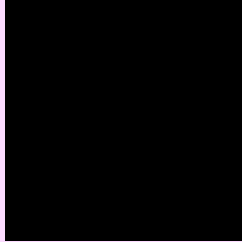
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

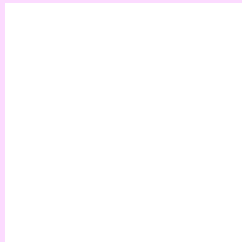
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5785, 0.3123, 0.2938

Background



This preview shows how black text looks on a background with the Yxy color 78.5785, 0.3123, 0.2938.

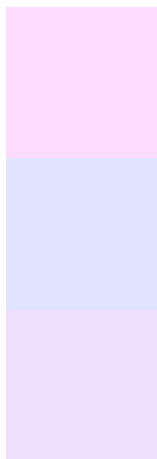


This preview shows how white text looks on a background with the Yxy color 78.5785, 0.3123, 0.2938.

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

78.5785, 0.3123, 0.2938

Protanopia

78.7144, 0.2941, 0.3012

Deuteranopia

78.4564, 0.3046, 0.2979



Tritanopia

78.7985, 0.3213, 0.3120

Trichromacy



Original Color

78.5785, 0.3123, 0.2938

Protanomaly

78.7326, 0.3006, 0.2987

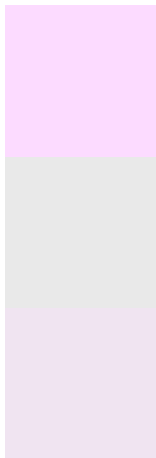
Deuteranomaly

78.6314, 0.3073, 0.2972

Tritanomaly

78.8147, 0.3180, 0.3052

Monochromacy



Original Color

78.5785, 0.3123, 0.2938

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.3629, 0.3126, 0.3158

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5785, 0.3123, 0.2938 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(252, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 219, 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(252, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 219, 255) }
```

Border

The CSS property to change the border of an element to Yxy 78.5785, 0.3123, 0.2938 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(252, 219, 255) }
```

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

```
.border{ border-color:rgb(252, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 219,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5785, 0.3123, 0.2938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 219, 255) }
```

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

```
.background{ background-color: rgb(252,  
219, 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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