

Converting Colors

$Y_{xy}(100.0000, 0.3807, 0.3039)$

Have a look what the booklet for
Yxy(100.0000, 0.3807, 0.3039)
contains.

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Color

Yxy(78.8881, 0.3170, 0.2978)

Conversions

Conversions Part 1

Format	Color
Hex	FFDBFB
RGB	255, 219, 251
RGB Percent	100%, 86%, 98%
CMY	0.0001, 0.1411, 0.0158
CMYK	0.00, 0.14, 0.02, 0.00
HSL	307°, 100%, 93%
HSV	307°, 14%, 100%
XYZ	83.9742, 78.8881, 102.0406
YIQ	233.4120, 11.1840, 17.5840

Conversions

Conversions Part 2

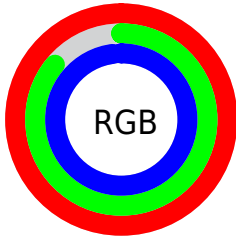
Format	Color
R _Y B	255, 219, 251
Decimal	16767995
CIE Lab	91.18, 17.78, -10.92
CIE LCh	91, 20.864, 328.440
Yxy	78.8881, 0.3170, 0.2978
Android (android.graphics.Color)	4294958075 (0xFFFFDBFB)
YUV	233.4120, 8.6709, 18.9327
Hunter-Lab	88.8190, 13.3303, -5.9427

Details

The Yxy color **78.8881, 0.3170, 0.2978** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **91.8997, 0.3087, 0.3623**, and the grayscale version is **81.7390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4517, 0.3181, 0.2917** is the 20% darker color. If you saturate the color by 10%, you get **66.4113, 0.3205, 0.2751**, and if you desaturate by 10%, it is **93.4122, 0.3139, 0.3201**.

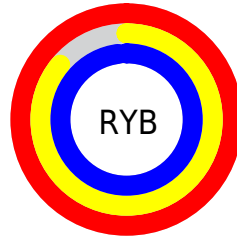
Distribution



Red (100%)

Green (86%)

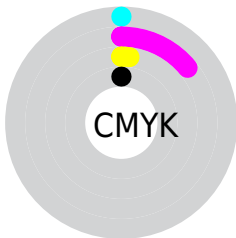
Blue (98%)



Red (100%)

Yellow (86%)

Blue (98%)

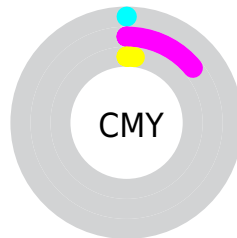


Cyan (0%)

Magenta (14%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.8881, 0.3170, 0.2978 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 78.8881, 0.3170, 0.2978 by changing the saturation by 10% instead.


 78.8881, 0.3170,
0.2978

 78.8881, 0.3170,
0.2978

491.1777, 0.3152,
0.3117

 58.8038, 0.3174,
0.2948


131.8013, 0.3164,
0.3025

 42.4552, 0.3178,
0.2911


165.3990, 0.3162,
0.3044

 29.4579, 0.3183,
0.2865


204.2700, 0.3160,
0.3060

 19.4275, 0.3190,
0.2806

248.7987, 0.3158,
0.3074

 11.9796, 0.3197,
0.2730

299.3694, 0.3156,
0.3087

 6.7298, 0.3207,
0.2624

356.3665, 0.3155,

 3.2937, 0.3219,

0.3098

0.2470

420.1745, 0.3153,
0.3108

■ 1.2869, 0.3232,
0.2226

■ 0.1310, 0.3500,
0.0821

■ 78.8881, 0.3170,
0.2978

■ 78.8881, 0.3170,
0.2978

■ 66.4113, 0.3205,
0.2751

■ 93.4122, 0.3139,
0.3201

■ 55.8791, 0.3243,
0.2526

99.9963, 0.3127,
0.3290

■ 47.1954, 0.3285,
0.2311

■ 40.2517, 0.3328,
0.2118

■ 34.9285, 0.3373,
0.1955

■ 31.0910, 0.3417,
0.1831

■ 28.5827, 0.3458,
0.1751

■ 27.2121, 0.3497,
0.1716

■ 26.7767, 0.3518,
0.1712

Harmonies

Analogous

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



78.8881, 0.2929, 0.2891



78.8881, 0.3170, 0.2978



78.8881, 0.3408, 0.3141

Triad

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



78.8881, 0.3170, 0.2978



78.8881, 0.3515, 0.3684



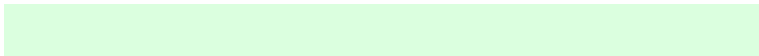
78.8881, 0.2701, 0.3209

Complementary

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



78.8881, 0.3170, 0.2978



91.8997, 0.3087, 0.3623

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.



78.8881, 0.2847, 0.3441



78.8881, 0.3170, 0.2978



78.8881, 0.3315, 0.3723

Square

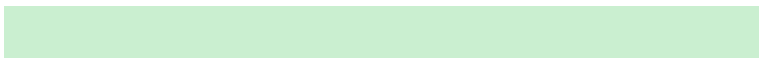
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8881, 0.3170, 0.2978



78.8881, 0.3611, 0.3542



78.8881, 0.3070, 0.3634



78.8881, 0.2665, 0.3013

Rectangle

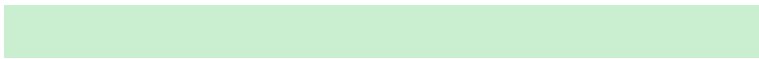
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.8881, 0.3170, 0.2978



78.8881, 0.3529, 0.3274



78.8881, 0.3070, 0.3634



78.8881, 0.2739, 0.3286

Sweetspot

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



78.8915, 0.3170, 0.2978



93.5908, 0.3139, 0.3203



73.5176, 0.2923, 0.2916



19.7825, 0.3141, 0.3187



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.



78.8915, 0.3170, 0.2978



75.0846, 0.3180, 0.2912



77.8347, 0.3289, 0.3147



18.2634, 0.3155, 0.3081



14.0078, 0.3513, 0.1709



1.3734, 0.3473, 0.1687

Inverse Universe

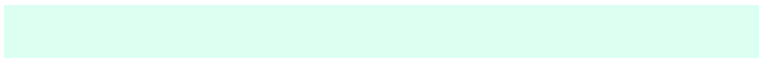
The Inverse Universe completely reimagines the original color for something new.



78.8915, 0.3170, 0.2978



75.0846, 0.3180, 0.2912



92.8971, 0.2989, 0.3437



18.2634, 0.3155, 0.3081



14.0078, 0.3513, 0.1709



1.3734, 0.3473, 0.1687

Previews

White Background



This preview shows how the Yxy color 78.8881, 0.3170, 0.2978 looks on a white background.

Color Contrast Check

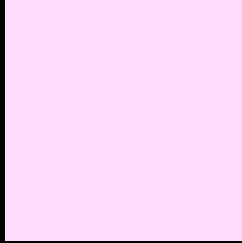
Large Text (above 18pt) WCAG AA × Fail

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 78.8881, 0.3170, 0.2978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

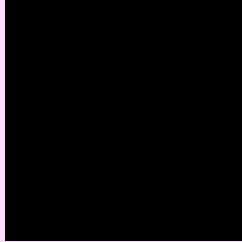
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.8881, 0.3170, 0.2978

Background



This preview shows how black text looks on a background with the Yxy color 78.8881, 0.3170, 0.2978.

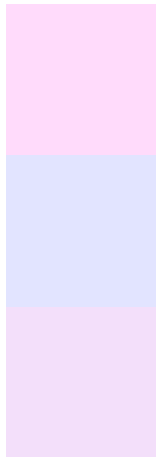


This preview shows how white text looks on a background with the Yxy color 78.8881, 0.3170, 0.2978.

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

78.8881, 0.3170, 0.2978

Protanopia

78.8756, 0.2947, 0.3013

Deuteranopia

78.7322, 0.3092, 0.3020



Tritanopia

78.7686, 0.3241, 0.3121

Trichromacy



Original Color

78.8881, 0.3170, 0.2978

Protanomaly

79.0107, 0.3025, 0.2998

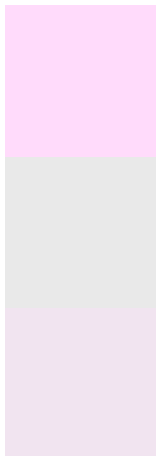
Deuteranomaly

78.9188, 0.3119, 0.3012

Tritanomaly

78.7283, 0.3216, 0.3063

Monochromacy



Original Color

78.8881, 0.3170, 0.2978

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.4788, 0.3140, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8881, 0.3170, 0.2978 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(255, 219, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 219, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 251) }
```

Border

The CSS property to change the border of an element to Yxy 78.8881, 0.3170, 0.2978 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(255, 219, 251) }
```

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

```
.border{ border-color:rgb(255, 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(255, 219, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8881, 0.3170, 0.2978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 251) }
```

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

```
.background{ background-color: rgb(255,  
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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