

Converting Colors

$Yxy(95.3445, 0.2277, 0.1775)$

Have a look what the booklet for
Yxy(95.3445, 0.2277, 0.1775)
contains.

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Color

Yxy(79.2284, 0.3067, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	F4DFFF
RGB	244, 223, 255
RGB Percent	96%, 87%, 100%
CMY	0.0429, 0.1255, 0.0000
CMYK	0.04, 0.13, 0.00, 0.00
HSL	279°, 100%, 94%
HSV	279°, 13%, 100%
XYZ	81.7609, 79.2284, 105.5934
YIQ	232.9270, 2.2440, 14.4040

Conversions

Conversions Part 2

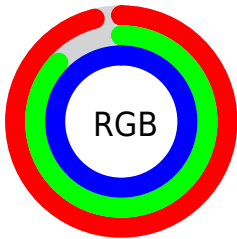
Format	Color
R _Y B	244, 223, 255
Decimal	16048127
CIE Lab	91.34, 12.86, -12.90
CIE LCh	91, 18.217, 314.915
Yxy	79.2284, 0.3067, 0.2972
Android (android.graphics.Color)	4294238207 (0xFFFF4DFFF)
YUV	232.9270, 10.8820, 9.7110
Hunter-Lab	89.0103, 8.1941, -8.0288

Details

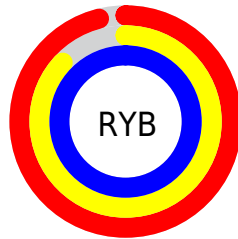
The Yxy color $79.2284, 0.3067, 0.2972$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.3270, 0.3180, 0.3615$, and the grayscale version is $81.3497, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.7738, 0.3056, 0.2909$ is the 20% darker color. If you saturate the color by 10%, you get $65.0944, 0.3009, 0.2702$, and if you desaturate by 10%, it is $95.4943, 0.3116, 0.3228$.

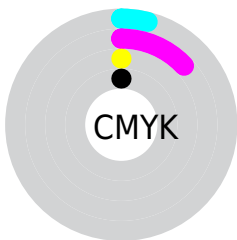
Distribution



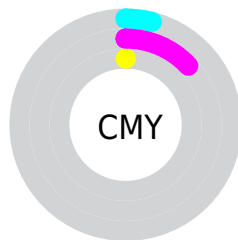
- Red (96%)
- Green (87%)
- Blue (100%)



- Red (96%)
- Yellow (87%)
- Blue (100%)



- Cyan (4%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)




- Cyan (4%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2284, 0.3067, 0.2972 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 79.2284, 0.3067, 0.2972 by changing the saturation by 10% instead.


 79.2284, 0.3067,
0.2972

 79.2284, 0.3067,
0.2972

492.3287, 0.3096,
0.3114

 59.0836, 0.3060,
0.2941


132.2804, 0.3077,
0.3020

 42.6804, 0.3052,
0.2903


165.9563, 0.3081,
0.3039

 29.6345, 0.3041,
0.2856


204.9115, 0.3084,
0.3056

 19.5613, 0.3027,
0.2796

249.5302, 0.3087,
0.3070

 12.0766, 0.3008,
0.2717

300.1969, 0.3090,
0.3083

 6.7958, 0.2979,
0.2609

357.2959, 0.3092,

 3.3347, 0.2934,

0.3094

0.2451

421.2117, 0.3094,
0.3104

■ 1.3089, 0.2852,
0.2199

■ 0.1481, 0.2724,
0.0887

■ 79.2284, 0.3067,
0.2972

■ 79.2284, 0.3067,
0.2972

■ 65.0944, 0.3009,
0.2702

■ 95.4943, 0.3116,
0.3228

■ 52.9904, 0.2942,
0.2422

100.0000, 0.3127,
0.3290

■ 42.8202, 0.2865,
0.2141

■ 34.4758, 0.2780,
0.1871

■ 27.8384, 0.2690,
0.1623

■ 22.7750, 0.2596,
0.1410

■ 19.1318, 0.2502,
0.1243

■ 16.7230, 0.2412,
0.1126

■ 15.5285, 0.2348,
0.1067

Harmonies

Analogous

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



79.2284, 0.2873, 0.2933



79.2284, 0.3067, 0.2972



79.2284, 0.3283, 0.3089

Triad

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



79.2284, 0.3067, 0.2972



79.2284, 0.3516, 0.3588



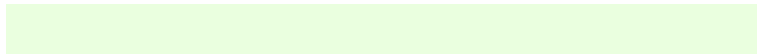
79.2284, 0.2802, 0.3312

Complementary

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



79.2284, 0.3067, 0.2972



94.3270, 0.3180, 0.3615

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.



79.2284, 0.2965, 0.3505



79.2284, 0.3067, 0.2972



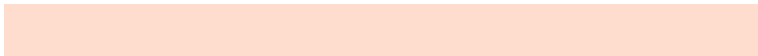
79.2284, 0.3379, 0.3665

Square

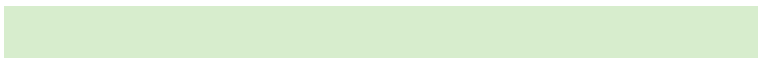
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2284, 0.3067, 0.2972



79.2284, 0.3548, 0.3437



79.2284, 0.3176, 0.3636



79.2284, 0.2724, 0.3120

Rectangle

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



79.2284, 0.3067, 0.2972



79.2284, 0.3410, 0.3197



79.2284, 0.3176, 0.3636



79.2284, 0.2848, 0.3379

Sweetspot

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



79.2315, 0.3067, 0.2972



93.0087, 0.3109, 0.3192



81.8602, 0.2929, 0.3076



19.6347, 0.3106, 0.3173



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

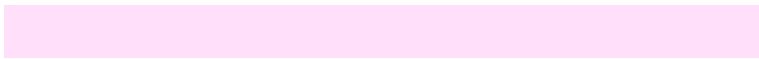
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.2315, 0.3067, 0.2972



75.5814, 0.3054, 0.2907



80.9424, 0.3173, 0.3025



17.9714, 0.3083, 0.3052



8.1998, 0.2362, 0.1075



0.8588, 0.2459, 0.1128

Inverse Universe

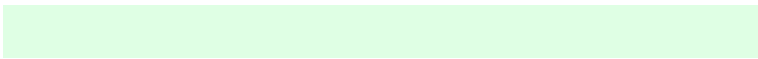
The Inverse Universe completely reimagines the original color for something new.



79.9642, 0.3281, 0.3182



76.4601, 0.3316, 0.3160



92.7954, 0.3084, 0.3571



18.0895, 0.3240, 0.3209



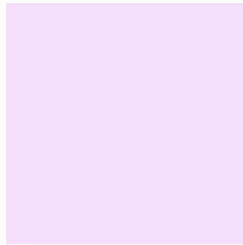
11.4947, 0.5615, 0.2867



1.1387, 0.5298, 0.2692

Previews

White Background



This preview shows how the Yxy color 79.2284, 0.3067, 0.2972 looks on a white background.

Color Contrast Check

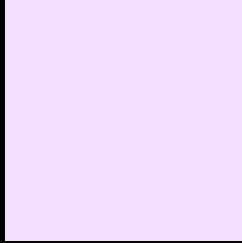
Large Text (above 18pt) WCAG AA × Fail

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 79.2284, 0.3067, 0.2972 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

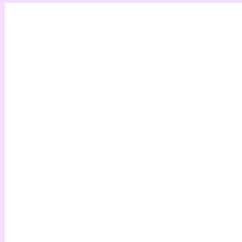
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2284, 0.3067, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 79.2284, 0.3067, 0.2972.

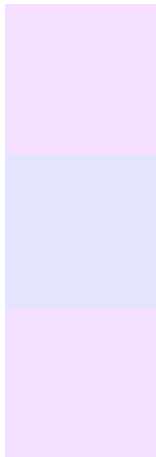


This preview shows how white text looks on a background with the Yxy color 79.2284, 0.3067, 0.2972.

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

79.2284, 0.3067, 0.2972

Protanopia

79.5895, 0.2954, 0.3024

Deuteranopia

79.2321, 0.3046, 0.2980



Tritanopia

79.1987, 0.3129, 0.3108

Trichromacy



Original Color

79.2284, 0.3067, 0.2972

Protanomaly

79.4818, 0.2993, 0.3006

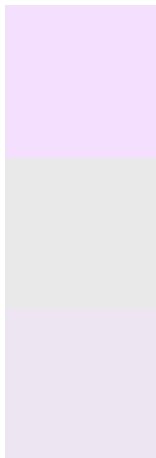
Deuteranomaly

79.4086, 0.3053, 0.2981

Tritanomaly

79.0814, 0.3110, 0.3059

Monochromacy



Original Color

79.2284, 0.3067, 0.2972

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.3940, 0.3106, 0.3168

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2284, 0.3067, 0.2972 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(244, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 223, 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(244, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 223, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.2284, 0.3067, 0.2972 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(244, 223, 255) }
```

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

```
.border{ border-color:rgb(244, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 223,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2284, 0.3067, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 223, 255) }
```

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

```
.background{ background-color: rgb(244,  
223, 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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