

Converting Colors

$Yxy(79.7433, 0.3057, 0.2986)$

Have a look what the booklet for
Yxy(79.7433, 0.3057, 0.2986)
contains.

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Color

Yxy(79.5860, 0.3060, 0.2982)

Conversions

Conversions Part 1

Format	Color
Hex	F3E0FF
RGB	243, 224, 255
RGB Percent	95%, 88%, 100%
CMY	0.0470, 0.1216, 0.0001
CMYK	0.05, 0.12, 0.00, 0.00
HSL	277°, 100%, 94%
HSV	277°, 12%, 100%
XYZ	81.6677, 79.5860, 105.6343
YIQ	233.2150, 1.3730, 13.6690

Conversions

Conversions Part 2

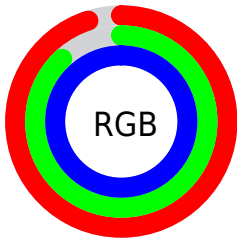
Format	Color
R _Y B	243, 224, 255
Decimal	15982847
CIE Lab	91.50, 11.99, -12.65
CIE LCh	91, 17.425, 313.462
Yxy	79.5860, 0.3060, 0.2982
Android (android.graphics.Color)	4294172927 (0xFF3E0FF)
YUV	233.2150, 10.7400, 8.5814
Hunter-Lab	89.2110, 7.2877, -7.7573

Details

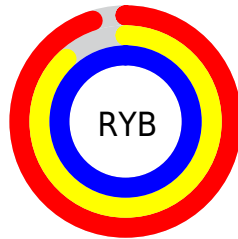
The Yxy color $79.5860, 0.3060, 0.2982$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.7038, 0.3187, 0.3603$, and the grayscale version is $81.5753, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $43.0179, 0.3047, 0.2921$ is the 20% darker color. If you saturate the color by 10%, you get $65.1928, 0.2994, 0.2710$, and if you desaturate by 10%, it is $96.1347, 0.3116, 0.3238$.

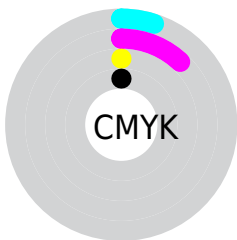
Distribution



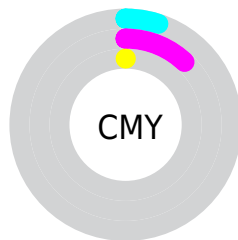
- Red (95%)
- Green (88%)
- Blue (100%)



- Red (95%)
- Yellow (88%)
- Blue (100%)



- Cyan (5%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)




- Cyan (5%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.5860, 0.3060, 0.2982 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 79.5860, 0.3060, 0.2982 by changing the saturation by 10% instead.


 79.5860, 0.3060,
0.2982

 79.5860, 0.3060,
0.2982


493.5365, 0.3092,
0.3119

 59.3777, 0.3053,
0.2952


132.7835, 0.3071,
0.3029

 42.9173, 0.3043,
0.2915


166.5415, 0.3075,
0.3047

 29.8202, 0.3032,
0.2870


205.5850, 0.3079,
0.3063

 19.7022, 0.3016,
0.2812

250.2982, 0.3082,
0.3077

 12.1787, 0.2995,
0.2735

301.0655, 0.3085,
0.3089

 6.8655, 0.2965,
0.2630

358.2714, 0.3088,

 3.3781, 0.2917,

0.3100

0.2476

422.3003, 0.3090,
0.3110

■ 1.3322, 0.2831,
0.2231

■ 0.1659, 0.2673,
0.0985

■ 79.5860, 0.3060,
0.2982

■ 79.5860, 0.3060,
0.2982

■ 65.1928, 0.2994,
0.2710

■ 96.1347, 0.3116,
0.3238

■ 52.8521, 0.2917,
0.2427

99.9977, 0.3127,
0.3290

■ 42.4680, 0.2830,
0.2140

■ 33.9324, 0.2733,
0.1862

■ 27.1266, 0.2631,
0.1604

■ 21.9176, 0.2525,
0.1381

■ 18.1524, 0.2420,
0.1204

■ 15.6464, 0.2320,
0.1078

■ 14.3454, 0.2246,
0.1011

Harmonies

Analogous

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



79.5860, 0.2877, 0.2949



79.5860, 0.3060, 0.2982



79.5860, 0.3267, 0.3091

Triad

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



79.5860, 0.3060, 0.2982



79.5860, 0.3503, 0.3570



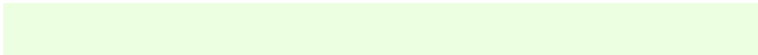
79.5860, 0.2822, 0.3320

Complementary

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



79.5860, 0.3060, 0.2982



94.7038, 0.3187, 0.3603

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.



79.5860, 0.2982, 0.3503



79.5860, 0.3060, 0.2982



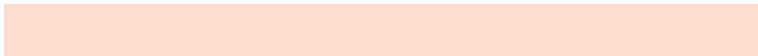
79.5860, 0.3376, 0.3646

Square

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



79.5860, 0.3060, 0.2982



79.5860, 0.3527, 0.3423



79.5860, 0.3184, 0.3624



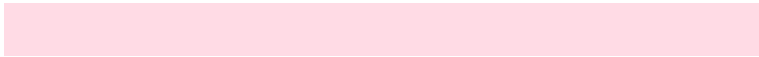
79.5860, 0.2743, 0.3136

Rectangle

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



79.5860, 0.3060, 0.2982



79.5860, 0.3389, 0.3193



79.5860, 0.3184, 0.3624



79.5860, 0.2868, 0.3384

Sweetspot

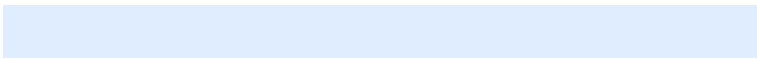
The Sweet Spot groups the original color and five complimentary colors.



79.5894, 0.3060, 0.2982



92.9251, 0.3107, 0.3192



83.2805, 0.2936, 0.3100



19.6135, 0.3103, 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.



79.5894, 0.3060, 0.2982



75.2847, 0.3042, 0.2906



81.5868, 0.3161, 0.3019



17.9300, 0.3076, 0.3051



7.5867, 0.2261, 0.1019



0.8017, 0.2367, 0.1078

Inverse Universe

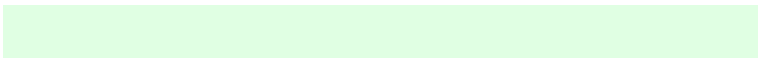
The Inverse Universe completely reimagines the original color for something new.



80.6200, 0.3267, 0.3172



76.5552, 0.3305, 0.3143



92.8972, 0.3095, 0.3577



18.1031, 0.3233, 0.3199



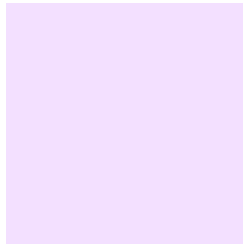
11.6003, 0.5442, 0.2771



1.1501, 0.5136, 0.2603

Previews

White Background



This preview shows how the Yxy color 79.5860, 0.3060, 0.2982 looks on a white background.

Color Contrast Check

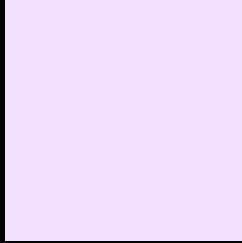
Large Text (above 18pt) WCAG AA × Fail

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 79.5860, 0.3060, 0.2982 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

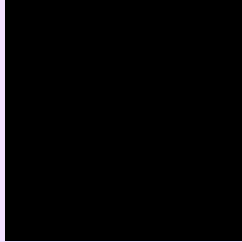
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

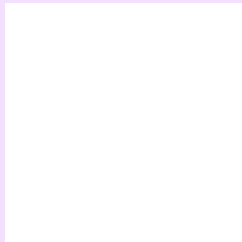
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5860, 0.3060, 0.2982

Background



This preview shows how black text looks on a background with the Yxy color 79.5860, 0.3060, 0.2982.

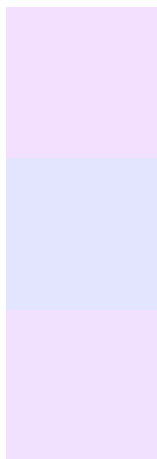


This preview shows how white text looks on a background with the Yxy color 79.5860, 0.3060, 0.2982.

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

79.5860, 0.3060, 0.2982

Protanopia

79.5895, 0.2954, 0.3024

Deuteranopia

79.4086, 0.3053, 0.2981



Tritanopia

79.6251, 0.3115, 0.3108

Trichromacy



Original Color

79.5860, 0.3060, 0.2982

Protanomaly

79.4818, 0.2993, 0.3006

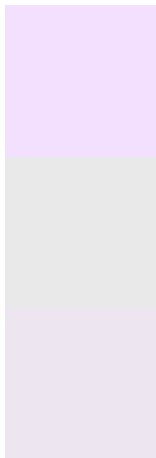
Deuteranomaly

79.4086, 0.3053, 0.2981

Tritanomaly

79.5050, 0.3097, 0.3059

Monochromacy



Original Color

79.5860, 0.3060, 0.2982

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.9490, 0.3105, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5860, 0.3060, 0.2982 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(243, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 224, 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(243, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 224, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.5860, 0.3060, 0.2982 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(243, 224, 255) }
```

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

```
.border{ border-color:rgb(243, 224, 255) }
```

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

Here you see how a box with a 4 pixel rgb(243, 224, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 224,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5860, 0.3060, 0.2982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 224, 255) }
```

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

```
.background{ background-color: rgb(243,  
224, 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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