

Converting Colors

$Yxy(83.8994, 0.2712, 0.2496)$

Have a look what the booklet for
Yxy(83.8994, 0.2712, 0.2496)
contains.

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Color

Yxy(79.9634, 0.3033, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	EFE2FF
RGB	239, 226, 255
RGB Percent	94%, 89%, 100%
CMY	0.0626, 0.1137, 0.0002
CMYK	0.06, 0.11, 0.00, 0.00
HSL	267°, 100%, 94%
HSV	267°, 11%, 100%
XYZ	80.8430, 79.9634, 105.7383
YIQ	233.1930, -1.5610, 11.7750

Conversions

Conversions Part 2

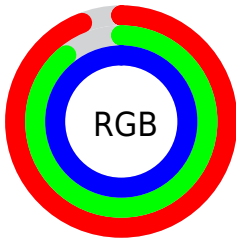
Format	Color
R _Y B	239, 226, 255
Decimal	15721215
CIE Lab	91.67, 9.65, -12.42
CIE LCh	92, 15.728, 307.844
Yxy	79.9634, 0.3033, 0.3000
Android (android.graphics.Color)	4293911295 (0xFFEFE2FF)
YUV	233.1930, 10.7509, 5.0927
Hunter-Lab	89.4223, 4.8856, -7.5125

Details

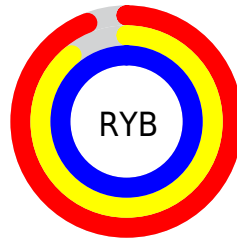
The Yxy color **79.9634, 0.3033, 0.3000** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.8435, 0.3213, 0.3579**, and the grayscale version is **81.5597, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2703, 0.3013, 0.2944** is the 20% darker color. If you saturate the color by 10%, you get **64.7694, 0.2935, 0.2721**, and if you desaturate by 10%, it is **97.4150, 0.3117, 0.3257**.

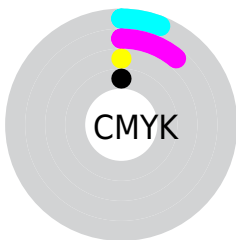
Distribution



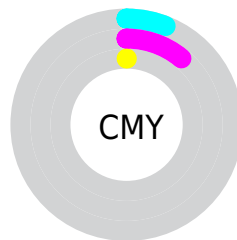
- Red (94%)
- Green (89%)
- Blue (100%)



- Red (94%)
- Yellow (89%)
- Blue (100%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (6%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9634, 0.3033, 0.3000 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 79.9634, 0.3033, 0.3000 by changing the saturation by 10% instead.


 79.9634, 0.3033,
0.3000

 79.9634, 0.3033,
0.3000


494.8095, 0.3077,
0.3130

 59.6882, 0.3023,
0.2971


133.3143, 0.3048,
0.3044

 43.1674, 0.3011,
0.2937


167.1588, 0.3054,
0.3061

 30.0165, 0.2995,
0.2894

206.2952, 0.3059,
0.3077

 19.8511, 0.2975,
0.2839

251.1079, 0.3064,
0.3090

 12.2869, 0.2947,
0.2766

301.9812, 0.3067,
0.3101

 6.9393, 0.2907,
0.2666

359.2997, 0.3071,

 3.4242, 0.2846,

0.3112

0.2518

423.4477, 0.3074,
0.3121

■ 1.3570, 0.2740,
0.2283

■ 0.1847, 0.2463,
0.1107

■ 79.9634, 0.3033,
0.3000

■ 79.9634, 0.3033,
0.3000

■ 64.7694, 0.2935,
0.2721

■ 97.4150, 0.3117,
0.3257

■ 51.7280, 0.2823,
0.2425

99.9968, 0.3127,
0.3290

■ 40.7407, 0.2698,
0.2118

■ 31.6973, 0.2561,
0.1813

■ 24.4767, 0.2417,
0.1525

■ 18.9439, 0.2272,
0.1269

■ 14.9441, 0.2133,
0.1061

■ 12.2923, 0.2006,
0.0911

■ 10.8427, 0.1910,
0.0826

Harmonies

Analogous

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



79.9634, 0.2876, 0.2985



79.9634, 0.3033, 0.3000



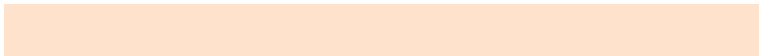
79.9634, 0.3219, 0.3087

Triad

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



79.9634, 0.3033, 0.3000



79.9634, 0.3477, 0.3522



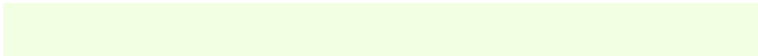
79.9634, 0.2874, 0.3350

Complementary

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



79.9634, 0.3033, 0.3000



95.8435, 0.3213, 0.3579

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.



79.9634, 0.3029, 0.3507



79.9634, 0.3033, 0.3000



79.9634, 0.3379, 0.3604

Square

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



79.9634, 0.3033, 0.3000



79.9634, 0.3480, 0.3382



79.9634, 0.3214, 0.3601



79.9634, 0.2787, 0.3181

Rectangle

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



79.9634, 0.3033, 0.3000



79.9634, 0.3335, 0.3175



79.9634, 0.3214, 0.3601



79.9634, 0.2920, 0.3406

Sweetspot

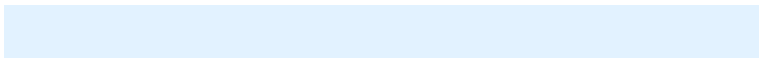
The Sweet Spot groups the original color and five complimentary colors.



79.9668, 0.3033, 0.3000



94.4265, 0.3104, 0.3216



87.1326, 0.2950, 0.3163



19.8999, 0.3098, 0.3196



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.



79.9668, 0.3033, 0.3000



75.7639, 0.3009, 0.2928



82.4976, 0.3127, 0.3008



17.7779, 0.3050, 0.3049



5.7537, 0.1927, 0.0835



0.6240, 0.2053, 0.0904

Inverse Universe

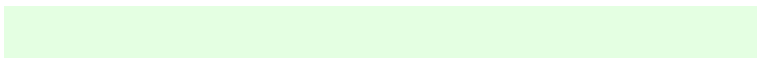
The Inverse Universe completely reimagines the original color for something new.



82.0512, 0.3225, 0.3134



78.3079, 0.3251, 0.3096



93.4625, 0.3125, 0.3586



18.1543, 0.3208, 0.3160



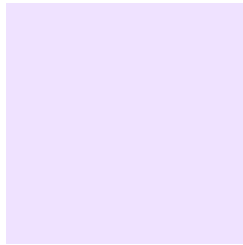
12.1327, 0.4752, 0.2392



1.2034, 0.4527, 0.2268

Previews

White Background



This preview shows how the Yxy color 79.9634, 0.3033, 0.3000 looks on a white background.

Color Contrast Check

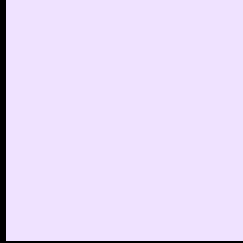
Large Text (above 18pt) WCAG AA × Fail

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 79.9634, 0.3033, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

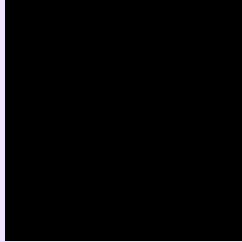
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

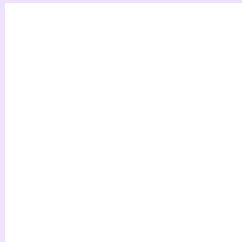
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.9634, 0.3033, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 79.9634, 0.3033, 0.3000.

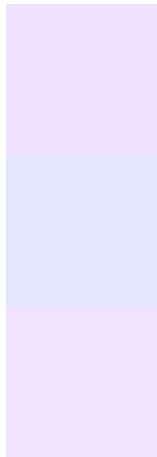


This preview shows how white text looks on a background with the Yxy color 79.9634, 0.3033, 0.3000.

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

79.9634, 0.3033, 0.3000

Protanopia

80.3076, 0.2960, 0.3035

Deuteranopia

79.9477, 0.3053, 0.2991



Tritanopia

80.3178, 0.3081, 0.3108

Trichromacy



Original Color

79.9634, 0.3033, 0.3000

Protanomaly

80.4144, 0.2986, 0.3026

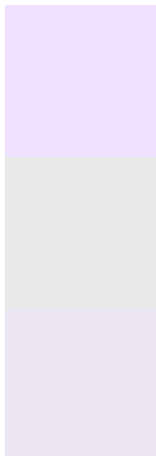
Deuteranomaly

79.7712, 0.3046, 0.2991

Tritanomaly

79.9549, 0.3063, 0.3068

Monochromacy



Original Color

79.9634, 0.3033, 0.3000

Achromatopsia

81.4847, 0.3127, 0.3290

Achromatomaly

80.6067, 0.3092, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9634, 0.3033, 0.3000 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(239, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 226, 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(239, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 226, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.9634, 0.3033, 0.3000 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(239, 226, 255) }
```

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

```
.border{ border-color:rgb(239, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 226,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9634, 0.3033, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 226, 255) }
```

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

```
.background{ background-color: rgb(239,  
226, 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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