

Converting Colors

Yxy(81.1833, 0.3034, 0.3021)

Have a look what the booklet for
Yxy(81.1833, 0.3034, 0.3021)
contains.

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Color

Yxy(81.0575, 0.3032, 0.3020)

Conversions

Conversions Part 1

Format	Color
Hex	EFE4FF
RGB	239, 228, 255
RGB Percent	94%, 89%, 100%
CMY	0.0629, 0.1058, 0.0000
CMYK	0.06, 0.11, 0.00, 0.00
HSL	264°, 100%, 95%
HSV	264°, 11%, 100%
XYZ	81.3796, 81.0575, 105.9652
YIQ	234.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

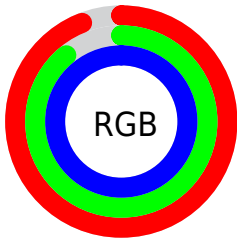
Format	Color
R _Y B	239, 228, 255
Decimal	15721727
CIE Lab	92.16, 8.59, -11.72
CIE LCh	92, 14.529, 306.236
Yxy	81.0575, 0.3032, 0.3020
Android (android.graphics.Color)	4293911807 (0xFFEFE4FF)
YUV	234.3670, 10.1721, 4.0631
Hunter-Lab	90.0319, 3.7897, -6.7604

Details

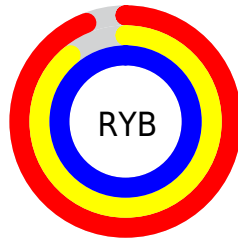
The Yxy color **81.0575, 0.3032, 0.3020** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **96.3661, 0.3215, 0.3557**, and the grayscale version is **82.4928, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0316, 0.3012, 0.2970** is the 20% darker color. If you saturate the color by 10%, you get **65.5202, 0.2927, 0.2741**, and if you desaturate by 10%, it is **98.8918, 0.3122, 0.3276**.

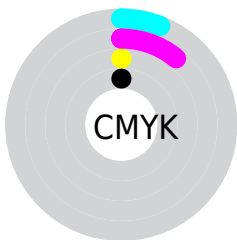
Distribution



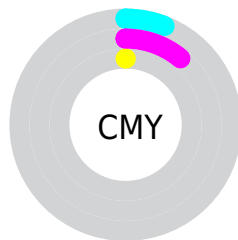
- Red (94%)
- Green (89%)
- Blue (100%)



- 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 81.0575, 0.3032, 0.3020 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 81.0575, 0.3032, 0.3020 by changing the saturation by 10% instead.

81.0575, 0.3032,
0.3020

81.0575, 0.3032,
0.3020

498.4896, 0.3076,
0.3141

60.5890, 0.3022,
0.2993

134.8515, 0.3047,
0.3061

43.8935, 0.3010,
0.2961

168.9458, 0.3053,
0.3077

30.5868, 0.2994,
0.2921

208.3507, 0.3058,
0.3091

20.2844, 0.2974,
0.2870

253.4507, 0.3063,
0.3103

12.6020, 0.2947,
0.2802

304.6302, 0.3067,
0.3114

7.1550, 0.2908,
0.2709

362.2736, 0.3070,

3.5592, 0.2848,

0.3124

0.2572

426.7653, 0.3073,
0.3133

■ 1.4302, 0.2746,
0.2353

■ 0.2388, 0.2482,
0.1357

■ 81.0575, 0.3032,
0.3020

■ 81.0575, 0.3032,
0.3020

■ 65.5202, 0.2927,
0.2741

98.8918, 0.3122,
0.3276

■ 52.1746, 0.2807,
0.2442

100.0000, 0.3127,
0.3290

■ 40.9213, 0.2672,
0.2131

■ 31.6496, 0.2526,
0.1819

■ 24.2378, 0.2372,
0.1521

■ 18.5508, 0.2218,
0.1255

■ 14.4340, 0.2071,
0.1037

■ 11.7035, 0.1940,
0.0880

■ 10.1276, 0.1835,
0.0784

Harmonies

Analogous

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



81.0575, 0.2890, 0.3010



81.0575, 0.3032, 0.3020



81.0575, 0.3203, 0.3097

Triad

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



81.0575, 0.3032, 0.3020



81.0575, 0.3452, 0.3498



81.0575, 0.2901, 0.3354

Complementary

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



81.0575, 0.3032, 0.3020



96.3661, 0.3215, 0.3557

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.



81.0575, 0.3046, 0.3495



81.0575, 0.3032, 0.3020



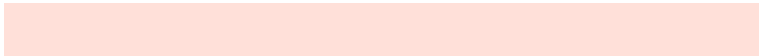
81.0575, 0.3365, 0.3577

Square

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



81.0575, 0.3032, 0.3020



81.0575, 0.3449, 0.3368



81.0575, 0.3216, 0.3578



81.0575, 0.2816, 0.3198

Rectangle

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



81.0575, 0.3032, 0.3020



81.0575, 0.3310, 0.3177



81.0575, 0.3216, 0.3578



81.0575, 0.2944, 0.3405

Sweetspot

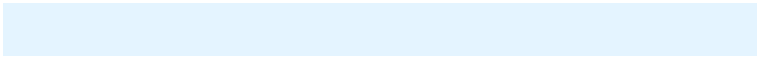
The Sweet Spot groups the original color and five complimentary colors.



81.0608, 0.3032, 0.3020



94.3634, 0.3102, 0.3216



88.5433, 0.2963, 0.3181



19.8829, 0.3095, 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.



81.0608, 0.3032, 0.3020



77.0949, 0.3008, 0.2955



83.4689, 0.3121, 0.3027



17.7373, 0.3042, 0.3049



5.3735, 0.1851, 0.0793



0.5850, 0.1977, 0.0863

Inverse Universe

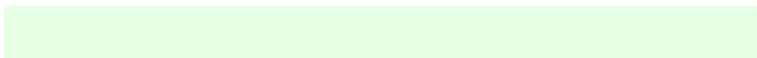
The Inverse Universe completely reimagines the original color for something new.



83.2923, 0.3210, 0.3133



79.8071, 0.3231, 0.3096



94.0643, 0.3131, 0.3564



18.1684, 0.3201, 0.3150



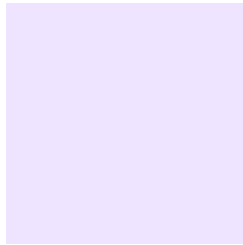
12.3168, 0.4567, 0.2289



1.2209, 0.4369, 0.2181

Previews

White Background



This preview shows how the Yxy color 81.0575, 0.3032, 0.3020 looks on a white background.

Color Contrast Check

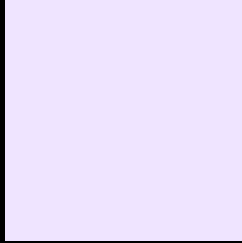
Large Text (above 18pt) WCAG AA × Fail

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 81.0575, 0.3032, 0.3020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

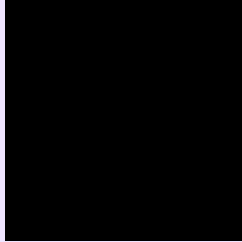
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

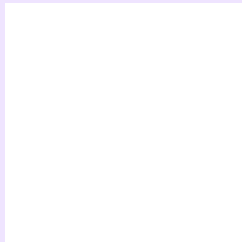
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.0575, 0.3032, 0.3020

Background



This preview shows how black text looks on a background with the Yxy color 81.0575, 0.3032, 0.3020.

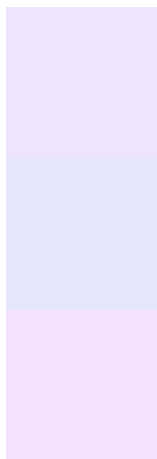


This preview shows how white text looks on a background with the Yxy color 81.0575, 0.3032, 0.3020.

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

81.0575, 0.3032, 0.3020

Protanopia

81.1948, 0.2973, 0.3046

Deuteranopia

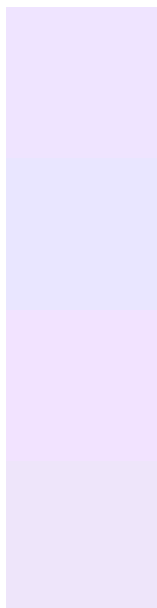
80.8458, 0.3066, 0.3002



Tritanopia

80.9312, 0.3075, 0.3108

Trichromacy



Original Color

81.0575, 0.3032, 0.3020

Protanomaly

81.1373, 0.2993, 0.3037

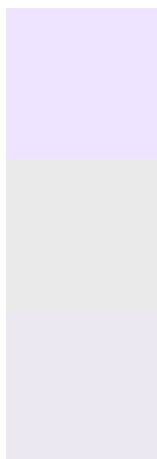
Deuteranomaly

81.0354, 0.3052, 0.3011

Tritanomaly

81.1179, 0.3056, 0.3078

Monochromacy



Original Color

81.0575, 0.3032, 0.3020

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

81.9569, 0.3092, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0575, 0.3032, 0.3020 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, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(239, 228, 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, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 228, 255) }
```

Border

The CSS property to change the border of an element to Yxy 81.0575, 0.3032, 0.3020 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, 228, 255) }
```

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

```
.border{ border-color:rgb(239, 228, 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, 228, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(239, 228,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0575, 0.3032, 0.3020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 228, 255) }
```

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

```
.background{ background-color: rgb(239,  
228, 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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