

Converting Colors

Yxy(81.2186, 0.3071, 0.3046)

Have a look what the booklet for
Yxy(81.2186, 0.3071, 0.3046)
contains.

Yxy(81.3923, 0.3071, 0.3051)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(81.3923, 0.3071, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	F2E4FC
RGB	242, 228, 252
RGB Percent	95%, 89%, 99%
CMY	0.0510, 0.1058, 0.0119
CMYK	0.04, 0.10, 0.00, 0.01
HSL	275°, 80%, 94%
HSV	275°, 10%, 99%
XYZ	81.9258, 81.3923, 103.4544
YIQ	234.9220, 0.6400, 10.4320

Conversions

Conversions Part 2

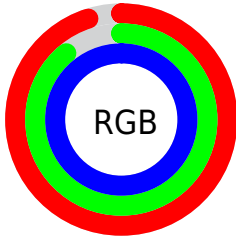
Format	Color
R_{YB}	242, 228, 252
Decimal	15918332
CIE _{Lab}	92.31, 9.01, -9.88
CIE _{LCh}	92, 13.373, 312.341
Yxy	81.3923, 0.3071, 0.3051
Android (android.graphics.Color)	4294108412 (0xFF2E4FC)
YUV	234.9220, 8.4195, 6.2074
Hunter-Lab	90.2177, 4.2133, -4.8366

Details

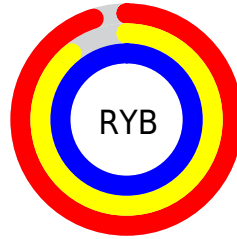
The Yxy color **81.3923, 0.3071, 0.3051** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **93.3714, 0.3179, 0.3531**, and the grayscale version is **82.9504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.2664, 0.3062, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **66.7254, 0.3002, 0.2782**, and if you desaturate by 10%, it is **98.1927, 0.3130, 0.3302**.

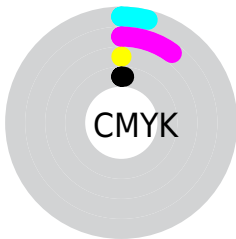
Distribution



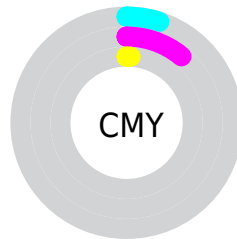
- Red (95%)
- Green (89%)
- Blue (99%)



- Red (95%)
- Yellow (89%)
- Blue (99%)



- Cyan (4%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)




- Cyan (5%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.3923, 0.3071, 0.3051 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 81.3923, 0.3071, 0.3051 by changing the saturation by 10% instead.


 81.3923, 0.3071,
0.3051

 81.3923, 0.3071,
0.3051


499.6127, 0.3097,
0.3158

 60.8647, 0.3065,
0.3028


135.3215, 0.3080,
0.3087

 44.1160, 0.3058,
0.2999


169.4919, 0.3084,
0.3102

 30.7617, 0.3048,
0.2963


208.9787, 0.3087,
0.3114

 20.4175, 0.3036,
0.2918

254.1663, 0.3089,
0.3125

 12.6989, 0.3019,
0.2858

305.4391, 0.3092,
0.3135

 7.2215, 0.2995,
0.2775

363.1815, 0.3094,

 3.6010, 0.2957,

0.3143

0.2653

427.7779, 0.3096,
0.3151

■ 1.4530, 0.2891,
0.2457

■ 0.2553, 0.2742,
0.1513

■ 81.3923, 0.3071,
0.3051

■ 81.3923, 0.3071,
0.3051

■ 66.7254, 0.3002,
0.2782

■ 98.1927, 0.3130,
0.3302

■ 54.0927, 0.2921,
0.2498

■ 99.8058, 0.3145,
0.3319

■ 43.4025, 0.2829,
0.2209

■ 34.5521, 0.2728,
0.1923

■ 27.4286, 0.2618,
0.1653

■ 21.9066, 0.2505,
0.1414

■ 17.8429, 0.2392,
0.1217

■ 15.0676, 0.2284,
0.1073

■ 13.3169, 0.2184,
0.0978

Harmonies

Analogous

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



81.3923, 0.2932, 0.3029



81.3923, 0.3071, 0.3051



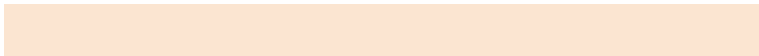
81.3923, 0.3228, 0.3133

Triad

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



81.3923, 0.3071, 0.3051



81.3923, 0.3415, 0.3501



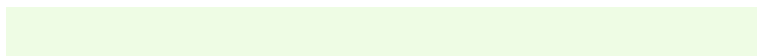
81.3923, 0.2898, 0.3320

Complementary

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



81.3923, 0.3071, 0.3051



93.3714, 0.3179, 0.3531

Split Complementary

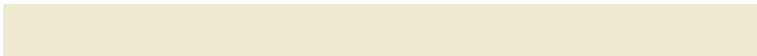
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3923, 0.3022, 0.3455



81.3923, 0.3071, 0.3051



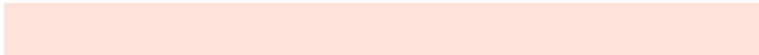
81.3923, 0.3322, 0.3560

Square

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



81.3923, 0.3071, 0.3051



81.3923, 0.3430, 0.3389



81.3923, 0.3178, 0.3544



81.3923, 0.2834, 0.3179

Rectangle

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



81.3923, 0.3071, 0.3051



81.3923, 0.3322, 0.3212



81.3923, 0.3178, 0.3544



81.3923, 0.2934, 0.3367

Sweetspot

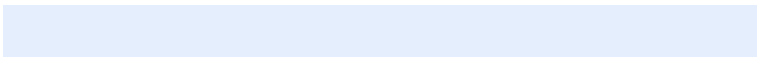
The Sweet Spot groups the original color and five complimentary colors.



81.3958, 0.3071, 0.3051



94.6172, 0.3110, 0.3216



84.6653, 0.2979, 0.3148



19.9514, 0.3106, 0.3197



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.



81.3958, 0.3071, 0.3051



81.2444, 0.3061, 0.3012



83.0813, 0.3151, 0.3075



17.1437, 0.3071, 0.3051



6.9887, 0.2195, 0.0983



0.7095, 0.2312, 0.1047

Inverse Universe

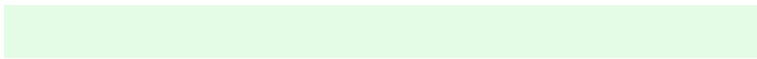
The Inverse Universe completely reimagines the original color for something new.



82.3530, 0.3229, 0.3192



82.3803, 0.3246, 0.3175



91.8059, 0.3104, 0.3515



17.3450, 0.3228, 0.3192



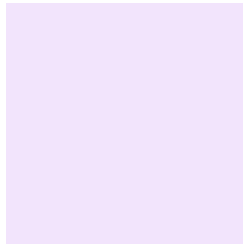
11.3378, 0.5316, 0.2702



1.0707, 0.5007, 0.2532

Previews

White Background



This preview shows how the Yxy color 81.3923, 0.3071, 0.3051 looks on a white background.

Color Contrast Check

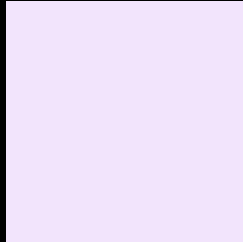
Large Text (above 18pt) WCAG AA × Fail

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 81.3923, 0.3071, 0.3051 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

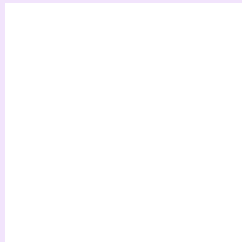
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.3923, 0.3071, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 81.3923, 0.3071, 0.3051.

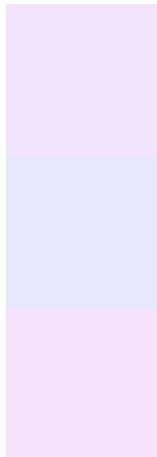


This preview shows how white text looks on a background with the Yxy color 81.3923, 0.3071, 0.3051.

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

81.3923, 0.3071, 0.3051

Protanopia

81.2965, 0.2986, 0.3056

Deuteranopia

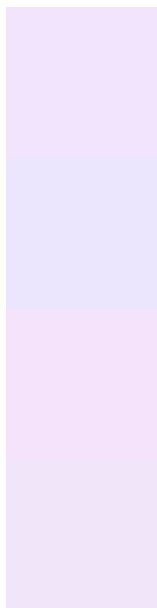
81.1951, 0.3105, 0.3033



Tritanopia

81.4548, 0.3095, 0.3109

Trichromacy



Original Color

81.3923, 0.3071, 0.3051

Protanomaly

81.3476, 0.3018, 0.3058

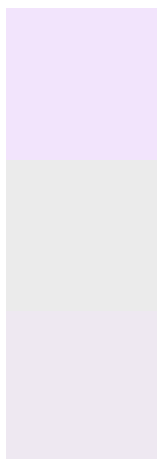
Deuteranomaly

81.3789, 0.3091, 0.3042

Tritanomaly

81.5789, 0.3082, 0.3090

Monochromacy



Original Color

81.3923, 0.3071, 0.3051

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.2412, 0.3111, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3923, 0.3071, 0.3051 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(242, 228, 252)` looks like.

```
.text, #text, p{  
    color:rgb(242, 228, 252)  
}
```

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(242, 228, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 228, 252) }
```

Border

The CSS property to change the border of an element to Yxy 81.3923, 0.3071, 0.3051 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(242, 228, 252) }
```

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

```
.border{ border-color:rgb(242, 228, 252) }
```

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

Here you see how a box with a 4 pixel rgb(242, 228, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 228, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 228, 252);  
box-shadow:4px 4px 4px 4px rgb(242, 228,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3923, 0.3071, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 228, 252) }
```

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

```
.background{ background-color: rgb(242,  
228, 252) }
```

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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