

Converting Colors

$Y_{xy}(83.3338, 0.2838, 0.2677)$

Have a look what the booklet for
Yxy(83.3338, 0.2838, 0.2677)
contains.

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Color

Yxy(81.0354, 0.3052, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	F2E3FF
RGB	242, 227, 255
RGB Percent	95%, 89%, 100%
CMY	0.0510, 0.1098, 0.0000
CMYK	0.05, 0.11, 0.00, 0.00
HSL	272°, 100%, 95%
HSV	272°, 11%, 100%
XYZ	82.1388, 81.0354, 105.9569
YIQ	234.6770, -0.0480, 11.8880

Conversions

Conversions Part 2

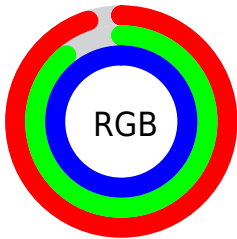
Format	Color
R_{YB}	242, 227, 255
Decimal	15918079
CIE Lab	92.15, 10.10, -11.73
CIE LCh	92, 15.482, 310.735
Yxy	81.0354, 0.3052, 0.3011
Android (android.graphics.Color)	4294108159 (0xFFFF2E3FF)
YUV	234.6770, 10.0192, 6.4223
Hunter-Lab	90.0197, 5.3387, -6.7731

Details

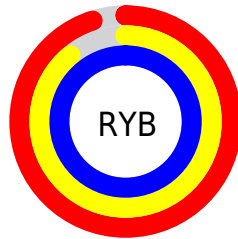
The Yxy color **81.0354, 0.3052, 0.3011** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **95.5948, 0.3195, 0.3570**, and the grayscale version is **82.7404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.0214, 0.3038, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **66.0743, 0.2972, 0.2737**, and if you desaturate by 10%, it is **98.1993, 0.3121, 0.3266**.

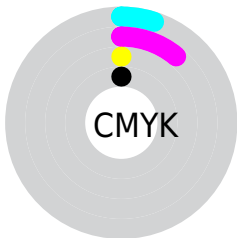
Distribution



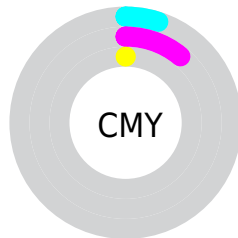
- Red (95%)
- Green (89%)
- Blue (100%)



- Red (95%)
- Yellow (89%)
- Blue (100%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.0354, 0.3052, 0.3011 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 81.0354, 0.3052, 0.3011 by changing the saturation by 10% instead.


 81.0354, 0.3052,
0.3011

 81.0354, 0.3052,
0.3011


498.4154, 0.3087,
0.3135

 60.5708, 0.3044,
0.2984


134.8205, 0.3064,
0.3053

 43.8788, 0.3034,
0.2951


168.9097, 0.3069,
0.3070

 30.5753, 0.3022,
0.2909


208.3092, 0.3073,
0.3084

 20.2756, 0.3005,
0.2857

253.4035, 0.3077,
0.3097

 12.5956, 0.2983,
0.2787

304.5768, 0.3080,
0.3108

 7.1507, 0.2951,
0.2692

362.2136, 0.3082,

 3.5565, 0.2901,

0.3118

0.2552

426.6984, 0.3085,
0.3127

■ 1.4287, 0.2814,
0.2329

■ 0.2377, 0.2634,
0.1325

■ 81.0354, 0.3052,
0.3011

■ 81.0354, 0.3052,
0.3011

■ 66.0743, 0.2972,
0.2737

■ 98.1993, 0.3121,
0.3266

■ 53.2213, 0.2879,
0.2448

■ 100.0000, 0.3127,
0.3290

■ 42.3772, 0.2774,
0.2152

■ 33.4338, 0.2658,
0.1860

■ 26.2726, 0.2535,
0.1585

■ 20.7611, 0.2409,
0.1342

■ 16.7477, 0.2286,
0.1145

■ 14.0508, 0.2170,
0.1002

■ 12.4933, 0.2075,
0.0917

Harmonies

Analogous

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



81.0354, 0.2894, 0.2989



81.0354, 0.3052, 0.3011



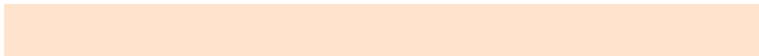
81.0354, 0.3235, 0.3102

Triad

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



81.0354, 0.3052, 0.3011



81.0354, 0.3465, 0.3528



81.0354, 0.2868, 0.3333

Complementary

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



81.0354, 0.3052, 0.3011



95.5948, 0.3195, 0.3570

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.



81.0354, 0.3015, 0.3490



81.0354, 0.3052, 0.3011



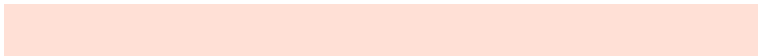
81.0354, 0.3360, 0.3602

Square

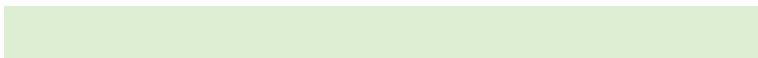
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0354, 0.3052, 0.3011



81.0354, 0.3477, 0.3395



81.0354, 0.3195, 0.3589



81.0354, 0.2790, 0.3168

Rectangle

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



81.0354, 0.3052, 0.3011



81.0354, 0.3345, 0.3191



81.0354, 0.3195, 0.3589



81.0354, 0.2910, 0.3388

Sweetspot

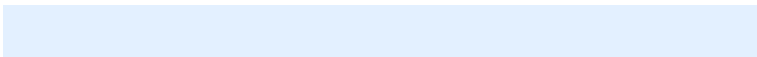
The Sweet Spot groups the original color and five complimentary colors.



81.0359, 0.3052, 0.3011



94.5476, 0.3108, 0.3216



85.9128, 0.2956, 0.3138



19.9326, 0.3103, 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.



81.0359, 0.3052, 0.3011



77.8366, 0.3037, 0.2958



83.3611, 0.3146, 0.3028



17.8564, 0.3063, 0.3050



6.6178, 0.2091, 0.0926



0.7094, 0.2210, 0.0991

Inverse Universe

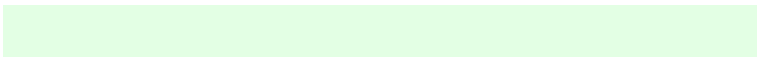
The Inverse Universe completely reimagines the original color for something new.



82.4934, 0.3237, 0.3162



79.5525, 0.3260, 0.3138



93.4498, 0.3108, 0.3567



18.1276, 0.3221, 0.3180



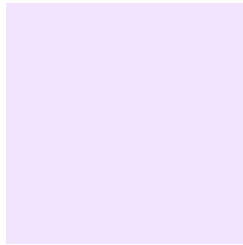
11.8284, 0.5114, 0.2591



1.1735, 0.4841, 0.2440

Previews

White Background



This preview shows how the Yxy color 81.0354, 0.3052, 0.3011 looks on a white background.

Color Contrast Check

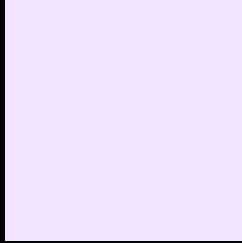
Large Text (above 18pt) WCAG AA × Fail

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 81.0354, 0.3052, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

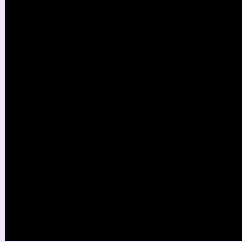
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.0354, 0.3052, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 81.0354, 0.3052, 0.3011.

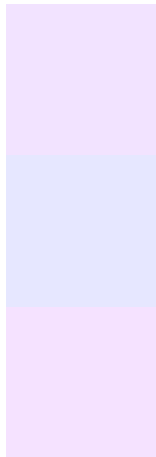


This preview shows how white text looks on a background with the Yxy color 81.0354, 0.3052, 0.3011.

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

81.0354, 0.3052, 0.3011

Protanopia

81.1948, 0.2973, 0.3046

Deuteranopia

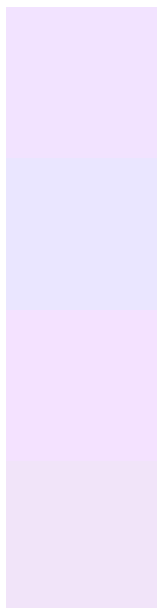
81.0252, 0.3073, 0.3003



Tritanopia

80.8414, 0.3102, 0.3109

Trichromacy



Original Color

81.0354, 0.3052, 0.3011

Protanomaly

81.3061, 0.2999, 0.3038

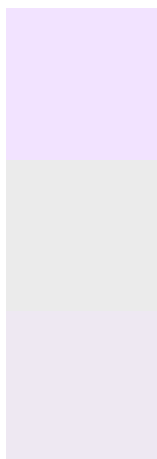
Deuteranomaly

80.8458, 0.3066, 0.3002

Tritanomaly

81.0271, 0.3083, 0.3079

Monochromacy



Original Color

81.0354, 0.3052, 0.3011

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.3012, 0.3105, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0354, 0.3052, 0.3011 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, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 227, 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(242, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 227, 255) }
```

Border

The CSS property to change the border of an element to Yxy 81.0354, 0.3052, 0.3011 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, 227, 255) }
```

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

```
.border{ border-color:rgb(242, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 227,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0354, 0.3052, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 227, 255) }
```

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

```
.background{ background-color: rgb(242,  
227, 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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