

Converting Colors

Yxy(81.3869, 0.3086, 0.3004)

Have a look what the booklet for
Yxy(81.3869, 0.3086, 0.3004)
contains.

Yxy(81.3869, 0.3086, 0.3004)	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(81.3869, 0.3086, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	F7E2FF
RGB	247, 226, 255
RGB Percent	97%, 89%, 100%
CMY	0.0314, 0.1137, 0.0000
CMYK	0.03, 0.11, 0.00, 0.00
HSL	283°, 100%, 94%
HSV	283°, 11%, 100%
XYZ	83.6085, 81.3869, 105.9330
YIQ	235.5850, 3.2070, 13.4710

Conversions

Conversions Part 2

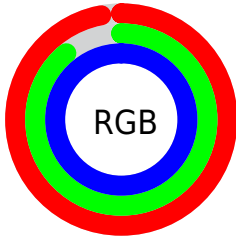
Format	Color
RYB	247, 226, 255
Decimal	16245503
CIELab	92.30, 12.25, -11.45
CIElCh	92, 16.768, 316.949
Yxy	81.3869, 0.3086, 0.3004
Android (android.graphics.Color)	4294435583 (0xFFFF7E2FF)
YUV	235.5850, 9.5716, 10.0110
Hunter-Lab	90.2147, 7.5532, -6.4700

Details

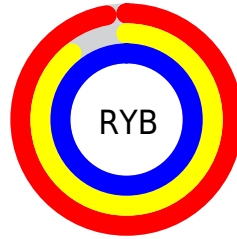
The Yxy color $81.3869, 0.3086, 0.3004$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $94.5028, 0.3163, 0.3583$, and the grayscale version is $83.4718, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.2794, 0.3082, 0.2951$ is the 20% darker color. If you saturate the color by 10%, you get $67.2821, 0.3042, 0.2739$, and if you desaturate by 10%, it is $97.6055, 0.3123, 0.3257$.

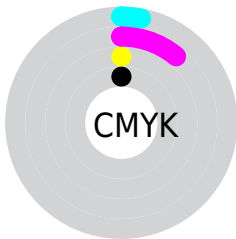
Distribution



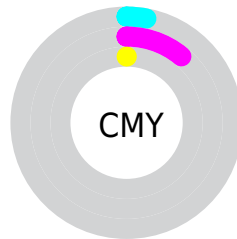
- Red (97%)
- Green (89%)
- Blue (100%)



- Red (97%)
- Yellow (89%)
- Blue (100%)



- Cyan (3%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.3869, 0.3086, 0.3004 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 81.3869, 0.3086, 0.3004 by changing the saturation by 10% instead.


 81.3869, 0.3086,
0.3004

 81.3869, 0.3086,
0.3004


499.5946, 0.3106,
0.3131

 60.8603, 0.3081,
0.2976


135.3139, 0.3093,
0.3047

 44.1124, 0.3076,
0.2942

169.4831, 0.3096,
0.3064

 30.7589, 0.3068,
0.2900


208.9686, 0.3098,
0.3079

 20.4153, 0.3058,
0.2847

254.1548, 0.3100,
0.3092

 12.6973, 0.3045,
0.2777

305.4261, 0.3102,
0.3103

 7.2204, 0.3025,
0.2680

363.1669, 0.3103,

 3.6003, 0.2993,

0.3114

0.2540

427.7616, 0.3105,
0.3123

■ 1.4526, 0.2935,
0.2317

■ 0.2550, 0.2882,
0.1357

■ 81.3869, 0.3086,
0.3004

■ 81.3869, 0.3086,
0.3004

■ 67.2821, 0.3042,
0.2739

■ 97.6055, 0.3123,
0.3257

■ 55.1948, 0.2991,
0.2465

100.0000, 0.3127,
0.3290

■ 45.0289, 0.2932,
0.2193

■ 36.6778, 0.2866,
0.1931

■ 30.0249, 0.2795,
0.1693

■ 24.9394, 0.2720,
0.1489

■ 21.2712, 0.2644,
0.1329

■ 18.8397, 0.2570,
0.1217

■ 17.4968, 0.2508,
0.1155

Harmonies

Analogous

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



81.3869, 0.2906, 0.2963



81.3869, 0.3086, 0.3004



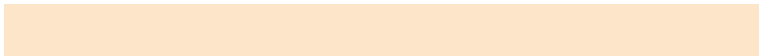
81.3869, 0.3283, 0.3115

Triad

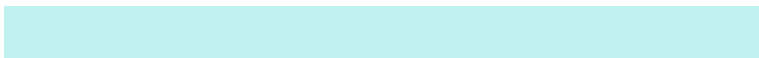
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3869, 0.3086, 0.3004



81.3869, 0.3476, 0.3570



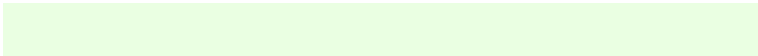
81.3869, 0.2822, 0.3298

Complementary

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



81.3869, 0.3086, 0.3004



94.5028, 0.3163, 0.3583

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.



81.3869, 0.2968, 0.3475



81.3869, 0.3086, 0.3004



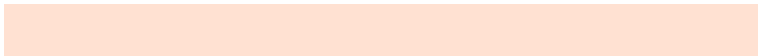
81.3869, 0.3346, 0.3633

Square

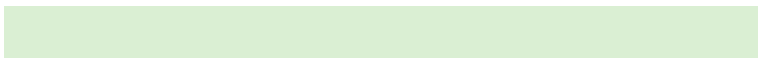
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3869, 0.3086, 0.3004



81.3869, 0.3512, 0.3436



81.3869, 0.3159, 0.3599



81.3869, 0.2757, 0.3125

Rectangle

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



81.3869, 0.3086, 0.3004



81.3869, 0.3395, 0.3216



81.3869, 0.3159, 0.3599



81.3869, 0.2863, 0.3359

Sweetspot

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



81.3886, 0.3086, 0.3004



94.8180, 0.3117, 0.3217



82.3586, 0.2948, 0.3078



20.0056, 0.3114, 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.



81.3886, 0.3086, 0.3004



77.4806, 0.3075, 0.2936



82.4754, 0.3181, 0.3069



18.0339, 0.3094, 0.3053



9.2207, 0.2519, 0.1162



0.9522, 0.2601, 0.1206

Inverse Universe

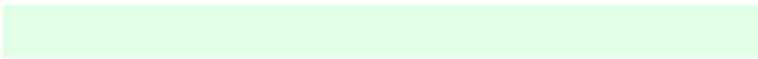
The Inverse Universe completely reimagines the original color for something new.



81.5937, 0.3278, 0.3211



77.7448, 0.3318, 0.3192



93.5313, 0.3078, 0.3522



18.0694, 0.3251, 0.3225



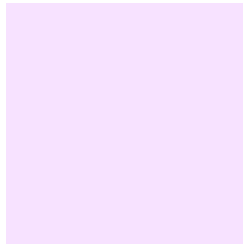
11.3633, 0.5852, 0.2998



1.1239, 0.5533, 0.2822

Previews

White Background



This preview shows how the Yxy color 81.3869, 0.3086, 0.3004 looks on a white background.

Color Contrast Check

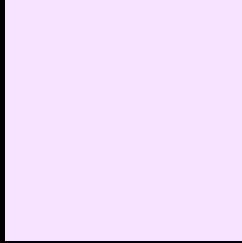
Large Text (above 18pt) WCAG AA × Fail

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 81.3869, 0.3086, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

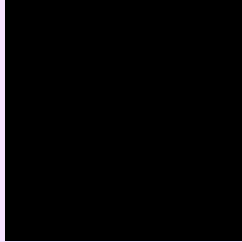
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

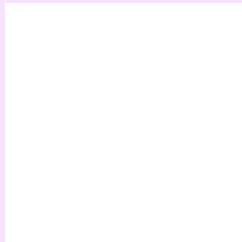
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.3869, 0.3086, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 81.3869, 0.3086, 0.3004.

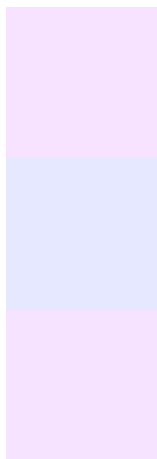


This preview shows how white text looks on a background with the Yxy color 81.3869, 0.3086, 0.3004.

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

81.3869, 0.3086, 0.3004

Protanopia

81.7562, 0.2974, 0.3056

Deuteranopia

81.7510, 0.3079, 0.3014



Tritanopia

81.6722, 0.3142, 0.3121

Trichromacy



Original Color

81.3869, 0.3086, 0.3004

Protanomaly

81.6465, 0.3012, 0.3039

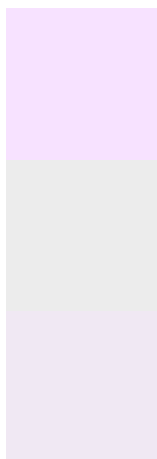
Deuteranomaly

81.7510, 0.3079, 0.3014

Tritanomaly

81.3706, 0.3117, 0.3072

Monochromacy



Original Color

81.3869, 0.3086, 0.3004

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

82.7096, 0.3112, 0.3179

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3869, 0.3086, 0.3004 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(247, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 226, 255) }
```

Border

The CSS property to change the border of an element to Yxy 81.3869, 0.3086, 0.3004 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(247, 226, 255) }
```

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

```
.border{ border-color:rgb(247, 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(247, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 226,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3869, 0.3086, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 226, 255) }
```

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

```
.background{ background-color: rgb(247,  
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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