

Converting Colors

$Yxy(82.3466, 0.3023, 0.3074)$

Have a look what the booklet for
Yxy(82.3466, 0.3023, 0.3074)
contains.

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Color

Yxy(82.6379, 0.3024, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	ECE8FD
RGB	236, 232, 253
RGB Percent	93%, 91%, 99%
CMY	0.0747, 0.0901, 0.0079
CMYK	0.07, 0.08, 0.00, 0.01
HSL	251°, 84%, 95%
HSV	251°, 8%, 99%
XYZ	81.1617, 82.6379, 104.5924
YIQ	235.5900, -4.3570, 7.3790

Conversions

Conversions Part 2

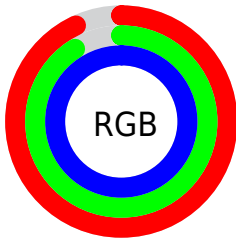
Format	Color
R_{YB}	236, 232, 253
Decimal	15526141
CIE Lab	92.86, 5.15, -9.66
CIE LCh	93, 10.945, 298.093
Yxy	82.6379, 0.3024, 0.3079
Android (android.graphics.Color)	4293716221 (0xFFECE8FD)
YUV	235.5900, 8.5831, 0.3596
Hunter-Lab	90.9054, 0.2831, -4.5831

Details

The Yxy color **82.6379, 0.3024, 0.3079** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96.2258, 0.3225, 0.3496**, and the grayscale version is **83.4827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7395, 0.3003, 0.3032** is the 20% darker color. If you saturate the color by 10%, you get **66.0869, 0.2882, 0.2797**, and if you desaturate by 10%, it is **99.8712, 0.3139, 0.3309**.

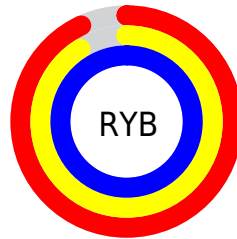
Distribution



Red (93%)

Green (91%)

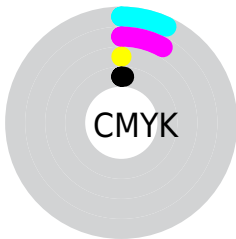
Blue (99%)



Red (93%)

Yellow (91%)

Blue (99%)

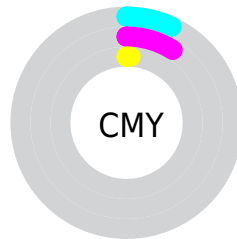


Cyan (7%)

Magenta (8%)

Yellow (0%)

Black (1%)



Cyan (7%)

Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.6379, 0.3024, 0.3079 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 82.6379, 0.3024, 0.3079 by changing the saturation by 10% instead.

82.6379, 0.3024,
0.3079

82.6379, 0.3024,
0.3079

503.7789, 0.3071,
0.3173

61.8915, 0.3013,
0.3058

137.0682, 0.3040,
0.3111

44.9450, 0.3001,
0.3033

171.5209, 0.3046,
0.3124

31.4141, 0.2984,
0.3001

211.3111, 0.3052,
0.3135

20.9144, 0.2963,
0.2961

256.8232, 0.3057,
0.3144

13.0614, 0.2935,
0.2907

308.4417, 0.3061,
0.3153

7.4709, 0.2895,
0.2833

366.5508, 0.3065,

3.7583, 0.2835,

0.3161

0.2724

431.5351, 0.3068,
0.3167

■ 1.5393, 0.2734,
0.2546

■ 0.3161, 0.2418,
0.1793

■ 82.6379, 0.3024,
0.3079

■ 82.6379, 0.3024,
0.3079

■ 66.0869, 0.2882,
0.2797

99.8712, 0.3139,
0.3309

■ 51.8873, 0.2722,
0.2487

■ 39.9348, 0.2545,
0.2156

■ 30.1130, 0.2356,
0.1815

■ 22.2948, 0.2163,
0.1483

■ 16.3397, 0.1978,
0.1181

■ 12.0883, 0.1813,
0.0933

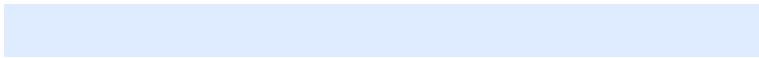
■ 9.3540, 0.1681,
0.0756

■ 7.8832, 0.1588,
0.0654

Harmonies

Analogous

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



82.6379, 0.2928, 0.3088



82.6379, 0.3024, 0.3079



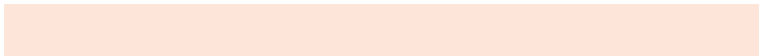
82.6379, 0.3149, 0.3124

Triad

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



82.6379, 0.3024, 0.3079



82.6379, 0.3376, 0.3423



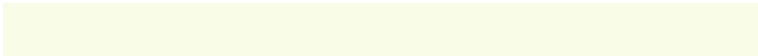
82.6379, 0.2984, 0.3369

Complementary

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



82.6379, 0.3024, 0.3079



96.2258, 0.3225, 0.3496

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.



82.6379, 0.3101, 0.3465



82.6379, 0.3024, 0.3079



82.6379, 0.3329, 0.3494

Square

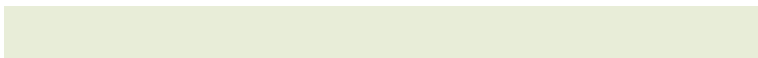
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



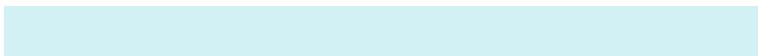
82.6379, 0.3024, 0.3079



82.6379, 0.3355, 0.3320



82.6379, 0.3228, 0.3510



82.6379, 0.2905, 0.3253

Rectangle

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



82.6379, 0.3024, 0.3079



82.6379, 0.3233, 0.3179



82.6379, 0.3228, 0.3510



82.6379, 0.3020, 0.3405

Sweetspot

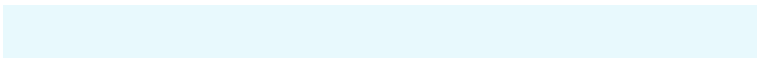
The Sweet Spot groups the original color and five complimentary colors.



82.6414, 0.3024, 0.3079



96.0109, 0.3103, 0.3241



92.0935, 0.2999, 0.3251



20.5921, 0.3105, 0.3243



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.



82.6414, 0.3024, 0.3079



81.0725, 0.3001, 0.3033



84.4752, 0.3093, 0.3084



17.5409, 0.3008, 0.3046



4.1426, 0.1586, 0.0647



0.4448, 0.1681, 0.0700

Inverse Universe

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



85.4526, 0.3161, 0.3124



84.4928, 0.3169, 0.3089



94.3646, 0.3159, 0.3500



18.2388, 0.3167, 0.3099



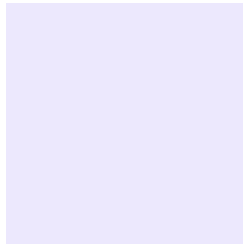
13.4934, 0.3748, 0.1838



1.3282, 0.3675, 0.1798

Previews

White Background



This preview shows how the Yxy color 82.6379, 0.3024, 0.3079 looks on a white background.

Color Contrast Check

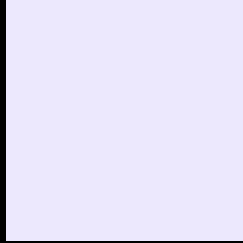
Large Text (above 18pt) WCAG AA × Fail

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 82.6379, 0.3024, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

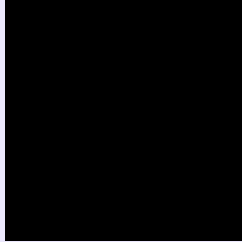
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.6379, 0.3024, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 82.6379, 0.3024, 0.3079.



This preview shows how white text looks on a background with the Yxy color 82.6379, 0.3024, 0.3079.

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

82.6379, 0.3024, 0.3079

Protanopia

82.7572, 0.2999, 0.3078

Deuteranopia

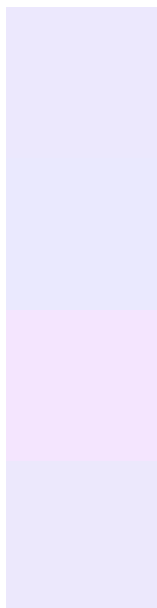
82.5990, 0.3099, 0.3034



Tritanopia

82.5111, 0.3036, 0.3098

Trichromacy



Original Color

82.6379, 0.3024, 0.3079

Protanomaly

82.9260, 0.3005, 0.3078

Deuteranomaly

82.4275, 0.3071, 0.3042

Tritanomaly

82.5744, 0.3030, 0.3089

Monochromacy



Original Color

82.6379, 0.3024, 0.3079

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.6603, 0.3091, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.6379, 0.3024, 0.3079 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(236, 232, 253)` looks like.

```
.text, #text, p{  
    color:rgb(236, 232, 253)  
}
```

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(236, 232, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 232, 253) }
```

Border

The CSS property to change the border of an element to Yxy 82.6379, 0.3024, 0.3079 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(236, 232, 253) }
```

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

```
.border{ border-color:rgb(236, 232, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 232, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 232, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 232, 253);  
box-shadow:4px 4px 4px 4px rgb(236, 232,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 82.6379, 0.3024, 0.3079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 232, 253) }
```

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

```
.background{ background-color: rgb(236,  
232, 253) }
```

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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