

Converting Colors

$Yxy(82.9369, 0.3018, 0.3060)$

Have a look what the booklet for
Yxy(82.9369, 0.3018, 0.3060)
contains.

Yxy(82.9378, 0.3019, 0.3060)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.9378, 0.3019, 0.3060)

Conversions

Conversions Part 1

Format	Color
Hex	EDE8FF
RGB	237, 232, 255
RGB Percent	93%, 91%, 100%
CMY	0.0706, 0.0902, 0.0001
CMYK	0.07, 0.09, 0.00, 0.00
HSL	253°, 100%, 95%
HSV	253°, 9%, 100%
XYZ	81.8265, 82.9378, 106.2742
YIQ	236.1170, -4.4030, 8.2130

Conversions

Conversions Part 2

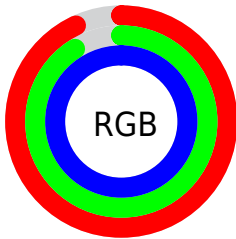
Format	Color
R_{YB}	237, 232, 255
Decimal	15591679
CIE _{Lab}	92.99, 5.88, -10.48
CIE _{LCh}	93, 12.017, 299.289
Yxy	82.9378, 0.3019, 0.3060
Android (android.graphics.Color)	4293781759 (0xFFE88FF)
YUV	236.1170, 9.3093, 0.7744
Hunter-Lab	91.0702, 1.0094, -5.4392

Details

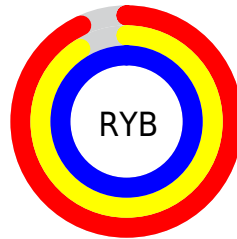
The Yxy color $82.9378, 0.3019, 0.3060$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $97.6454, 0.3230, 0.3514$, and the grayscale version is $83.9059, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.9516, 0.2996, 0.3007$ is the 20% darker color. If you saturate the color by 10%, you get $66.3666, 0.2882, 0.2777$, and if you desaturate by 10%, it is $99.9979, 0.3127, 0.3290$.

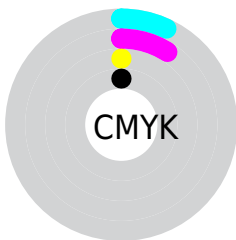
Distribution



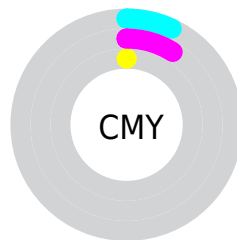
- Red (93%)
- Green (91%)
- Blue (100%)



- Red (93%)
- Yellow (91%)
- Blue (100%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.9378, 0.3019, 0.3060 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 82.9378, 0.3019, 0.3060 by changing the saturation by 10% instead.

82.9378, 0.3019,
0.3060

82.9378, 0.3019,
0.3060

504.7792, 0.3068,
0.3163

62.1388, 0.3008,
0.3037

137.4883, 0.3036,
0.3095

45.1449, 0.2994,
0.3010

172.0087, 0.3043,
0.3109

31.5716, 0.2977,
0.2976

211.8717, 0.3048,
0.3121

21.0345, 0.2955,
0.2932

257.4616, 0.3053,
0.3131

13.1492, 0.2926,
0.2874

309.1630, 0.3058,
0.3140

7.5314, 0.2884,
0.2794

367.3601, 0.3062,

3.7966, 0.2821,

0.3149

0.2677

432.4374, 0.3065,
0.3156

■ 1.5604, 0.2715,
0.2488

■ 0.3307, 0.2426,
0.1752

■ 82.9378, 0.3019,
0.3060

■ 82.9378, 0.3019,
0.3060

■ 66.3666, 0.2882,
0.2777

99.9979, 0.3127,
0.3290

■ 52.1547, 0.2726,
0.2467

■ 40.1968, 0.2554,
0.2138

■ 30.3753, 0.2370,
0.1801

■ 22.5620, 0.2181,
0.1473

■ 16.6145, 0.1999,
0.1177

■ 12.3714, 0.1836,
0.0935

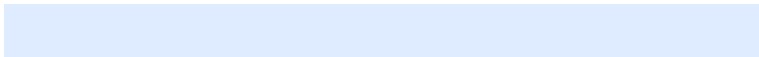
■ 9.6427, 0.1704,
0.0762

■ 8.1546, 0.1608,
0.0663

Harmonies

Analogous

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



82.9378, 0.2912, 0.3067



82.9378, 0.3019, 0.3060



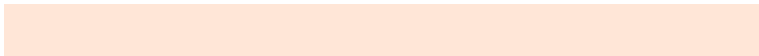
82.9378, 0.3157, 0.3112

Triad

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



82.9378, 0.3019, 0.3060



82.9378, 0.3399, 0.3440



82.9378, 0.2965, 0.3372

Complementary

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



82.9378, 0.3019, 0.3060



97.6454, 0.3230, 0.3514

Split Complementary

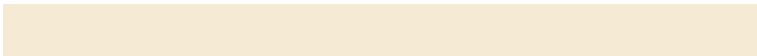
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9378, 0.3093, 0.3479



82.9378, 0.3019, 0.3060



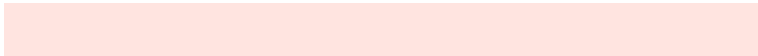
82.9378, 0.3345, 0.3516

Square

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



82.9378, 0.3019, 0.3060



82.9378, 0.3379, 0.3327



82.9378, 0.3232, 0.3531



82.9378, 0.2882, 0.3244

Rectangle

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



82.9378, 0.3019, 0.3060



82.9378, 0.3249, 0.3173



82.9378, 0.3232, 0.3531



82.9378, 0.3004, 0.3412

Sweetspot

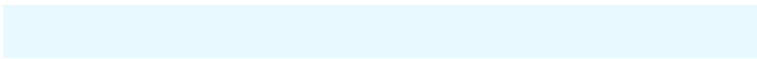
The Sweet Spot groups the original color and five complimentary colors.



82.9413, 0.3019, 0.3060



94.0978, 0.3093, 0.3216



92.7421, 0.2988, 0.3240



19.8114, 0.3083, 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.



82.9413, 0.3019, 0.3060



79.4622, 0.2993, 0.3006



84.9780, 0.3094, 0.3065



17.5680, 0.3013, 0.3047



4.2557, 0.1612, 0.0662



0.4595, 0.1714, 0.0718

Inverse Universe

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



85.8735, 0.3169, 0.3116



83.0044, 0.3179, 0.3076



95.5919, 0.3157, 0.3519



18.2288, 0.3171, 0.3106



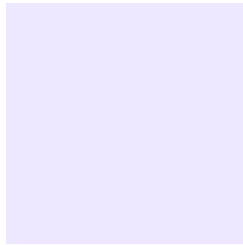
13.3007, 0.3851, 0.1895



1.3110, 0.3762, 0.1846

Previews

White Background



This preview shows how the Yxy color 82.9378, 0.3019, 0.3060 looks on a white background.

Color Contrast Check

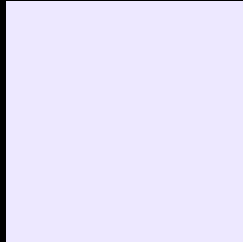
Large Text (above 18pt) WCAG AA × Fail

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 82.9378, 0.3019, 0.3060 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 82.9378, 0.3019, 0.3060

Background



This preview shows how black text looks on a background with the Yxy color 82.9378, 0.3019, 0.3060.



This preview shows how white text looks on a background with the Yxy color 82.9378, 0.3019, 0.3060.

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

82.9378, 0.3019, 0.3060

Protanopia

82.8215, 0.2993, 0.3068

Deuteranopia

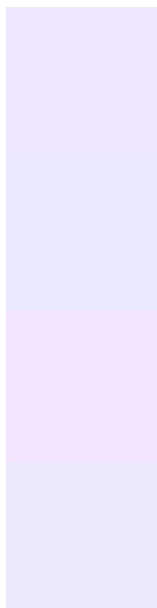
82.6633, 0.3092, 0.3025



Tritanopia

83.0757, 0.3036, 0.3109

Trichromacy



Original Color

82.9378, 0.3019, 0.3060

Protanomaly

82.9903, 0.2999, 0.3068

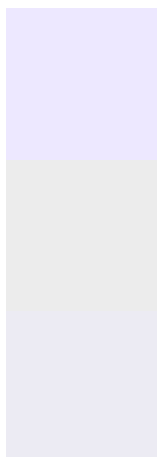
Deuteranomaly

82.4917, 0.3065, 0.3033

Tritanomaly

83.1390, 0.3030, 0.3099

Monochromacy



Original Color

82.9378, 0.3019, 0.3060

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.7206, 0.3085, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9378, 0.3019, 0.3060 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(237, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 232, 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(237, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 232, 255) }
```

Border

The CSS property to change the border of an element to Yxy 82.9378, 0.3019, 0.3060 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(237, 232, 255) }
```

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

```
.border{ border-color:rgb(237, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 232,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9378, 0.3019, 0.3060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 232, 255) }
```

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

```
.background{ background-color: rgb(237,  
232, 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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