

Converting Colors

Yxy(82.2063, 0.3048, 0.3021)

Have a look what the booklet for
Yxy(82.2063, 0.3048, 0.3021)
contains.

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Color

Yxy(82.1359, 0.3052, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	F2E5FF
RGB	242, 229, 255
RGB Percent	95%, 90%, 100%
CMY	0.0511, 0.1019, 0.0001
CMYK	0.05, 0.10, 0.00, 0.00
HSL	270°, 100%, 95%
HSV	270°, 10%, 100%
XYZ	82.6777, 82.1359, 106.0832
YIQ	235.8510, -0.5980, 10.8420

Conversions

Conversions Part 2

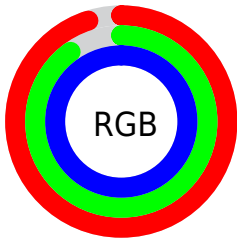
Format	Color
R _Y B	242, 229, 255
Decimal	15918591
CIE Lab	92.63, 9.04, -10.97
CIE LCh	93, 14.215, 309.496
Yxy	82.1359, 0.3052, 0.3032
Android (android.graphics.Color)	4294108671 (0xFF2E5FF)
YUV	235.8510, 9.4405, 5.3927
Hunter-Lab	90.6289, 4.2391, -5.9601

Details

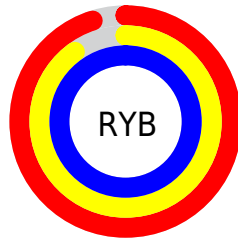
The Yxy color $82.1359, 0.3052, 0.3032$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $96.0435, 0.3196, 0.3548$, and the grayscale version is $83.6870, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $44.7884, 0.3038, 0.2985$ is the 20% darker color. If you saturate the color by 10%, you get $66.8682, 0.2965, 0.2758$, and if you desaturate by 10%, it is $99.6406, 0.3126, 0.3286$.

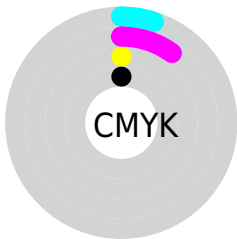
Distribution



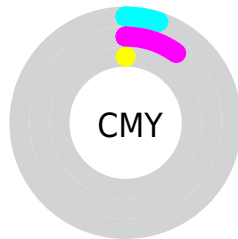
- Red (95%)
- Green (90%)
- Blue (100%)



- Red (95%)
- Yellow (90%)
- Blue (100%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.1359, 0.3052, 0.3032 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 82.1359, 0.3052, 0.3032 by changing the saturation by 10% instead.


 82.1359, 0.3052,
0.3032

 82.1359, 0.3052,
0.3032


502.1022, 0.3087,
0.3147

 61.4776, 0.3044,
0.3007

136.3646, 0.3064,
0.3071

 44.6107, 0.3034,
0.2976


170.7037, 0.3069,
0.3086

 31.1509, 0.3022,
0.2938


210.3718, 0.3073,
0.3100

 20.7138, 0.3006,
0.2889

255.7534, 0.3076,
0.3112

 12.9149, 0.2984,
0.2825

307.2329, 0.3079,
0.3122

 7.3700, 0.2953,
0.2737

365.1945, 0.3082,

 3.6946, 0.2905,

0.3131

0.2608

430.0228, 0.3085,
0.3139

■ 1.5042, 0.2823,
0.2402

■ 0.2917, 0.2650,
0.1552

■ 82.1359, 0.3052,
0.3032

■ 82.1359, 0.3052,
0.3032

■ 66.8682, 0.2965,
0.2758

99.6406, 0.3126,
0.3286

■ 53.7337, 0.2866,
0.2467

99.9985, 0.3127,
0.3290

■ 42.6363, 0.2753,
0.2167

■ 33.4677, 0.2629,
0.1868

■ 26.1097, 0.2498,
0.1585

■ 20.4302, 0.2363,
0.1333

■ 16.2788, 0.2232,
0.1126

■ 13.4759, 0.2110,
0.0974

■ 11.7530, 0.2003,
0.0877

Harmonies

Analogous

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



82.1359, 0.2909, 0.3015



82.1359, 0.3052, 0.3032



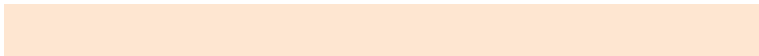
82.1359, 0.3219, 0.3113

Triad

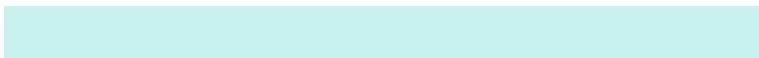
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1359, 0.3052, 0.3032



82.1359, 0.3438, 0.3504



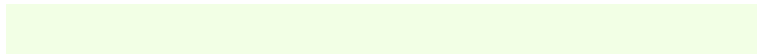
82.1359, 0.2894, 0.3336

Complementary

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



82.1359, 0.3052, 0.3032



96.0435, 0.3196, 0.3548

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.



82.1359, 0.3031, 0.3477



82.1359, 0.3052, 0.3032



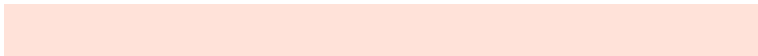
82.1359, 0.3346, 0.3573

Square

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



82.1359, 0.3052, 0.3032



82.1359, 0.3445, 0.3381



82.1359, 0.3196, 0.3565



82.1359, 0.2820, 0.3185

Rectangle

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



82.1359, 0.3052, 0.3032



82.1359, 0.3321, 0.3194



82.1359, 0.3196, 0.3565



82.1359, 0.2934, 0.3386

Sweetspot

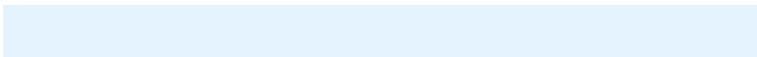
The Sweet Spot groups the original color and five complimentary colors.



82.1394, 0.3052, 0.3032



94.4965, 0.3106, 0.3216



87.6394, 0.2969, 0.3163



19.9188, 0.3101, 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.



82.1394, 0.3052, 0.3032



79.2153, 0.3037, 0.2984



84.4399, 0.3136, 0.3039



17.8232, 0.3057, 0.3050



6.2312, 0.2019, 0.0886



0.6716, 0.2142, 0.0954

Inverse Universe

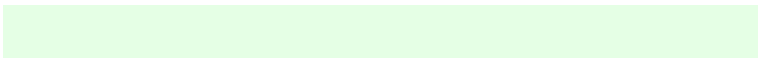
The Inverse Universe completely reimagines the original color for something new.



83.7152, 0.3222, 0.3163



81.0614, 0.3241, 0.3139



93.8953, 0.3117, 0.3554



18.1388, 0.3215, 0.3172



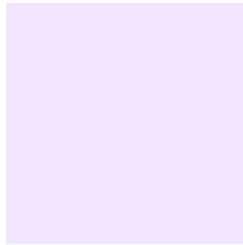
11.9491, 0.4961, 0.2507



1.1855, 0.4707, 0.2367

Previews

White Background



This preview shows how the Yxy color 82.1359, 0.3052, 0.3032 looks on a white background.

Color Contrast Check

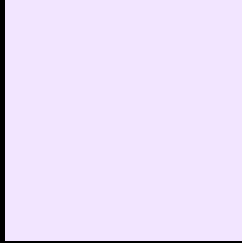
Large Text (above 18pt) WCAG AA × Fail

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 82.1359, 0.3052, 0.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

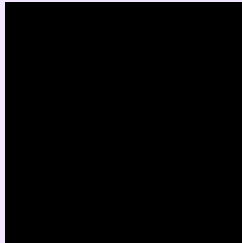
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

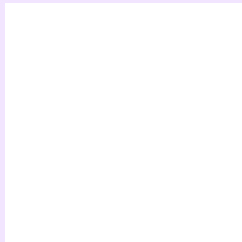
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.1359, 0.3052, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 82.1359, 0.3052, 0.3032.

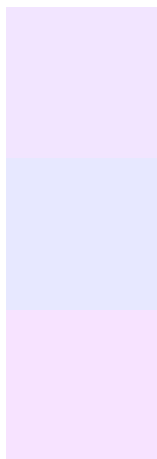


This preview shows how white text looks on a background with the Yxy color 82.1359, 0.3052, 0.3032.

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

82.1359, 0.3052, 0.3032

Protanopia

81.9221, 0.2980, 0.3057

Deuteranopia

81.9323, 0.3086, 0.3014



Tritanopia

82.0717, 0.3088, 0.3109

Trichromacy



Original Color

82.1359, 0.3052, 0.3032

Protanomaly

82.0340, 0.3006, 0.3048

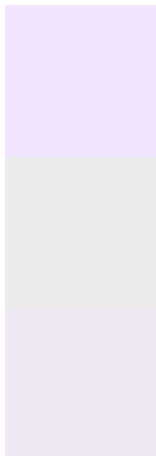
Deuteranomaly

82.1193, 0.3072, 0.3023

Tritanomaly

82.2594, 0.3070, 0.3080

Monochromacy



Original Color

82.1359, 0.3052, 0.3032

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

82.9260, 0.3098, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.1359, 0.3052, 0.3032 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, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 229, 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, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 229, 255) }
```

Border

The CSS property to change the border of an element to Yxy 82.1359, 0.3052, 0.3032 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, 229, 255) }
```

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

```
.border{ border-color:rgb(242, 229, 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, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 229,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 82.1359, 0.3052, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 229, 255) }
```

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

```
.background{ background-color: rgb(242,  
229, 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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