

Converting Colors

$Yxy(82.5082, 0.3024, 0.3050)$

Have a look what the booklet for
Yxy(82.5082, 0.3024, 0.3050)
contains.

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Color

Yxy(82.5490, 0.3025, 0.3050)

Conversions

Conversions Part 1

Format	Color
Hex	EEE7FF
RGB	238, 231, 255
RGB Percent	93%, 91%, 100%
CMY	0.0669, 0.0940, 0.0000
CMYK	0.07, 0.09, 0.00, 0.00
HSL	257°, 100%, 95%
HSV	257°, 9%, 100%
XYZ	81.8724, 82.5490, 106.2311
YIQ	235.8290, -3.5320, 8.9480

Conversions

Conversions Part 2

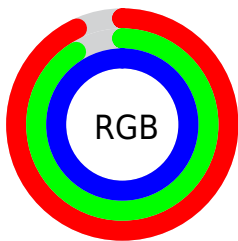
Format	Color
R_{YB}	238, 231, 255
Decimal	15656959
CIE Lab	92.82, 6.70, -10.75
CIE LCh	93, 12.667, 301.949
Yxy	82.5490, 0.3025, 0.3050
Android (android.graphics.Color)	4293847039 (0xFFEEE7FF)
YUV	235.8290, 9.4513, 1.9040
Hunter-Lab	90.8565, 1.8506, -5.7234

Details

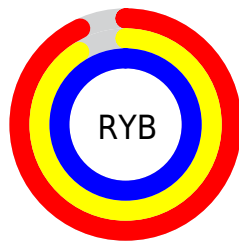
The Yxy color **82.5490, 0.3025, 0.3050** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97.2614, 0.3223, 0.3525**, and the grayscale version is **83.6681, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.6822, 0.3004, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **66.3186, 0.2900, 0.2769**, and if you desaturate by 10%, it is **100.0000, 0.3127, 0.3290**.

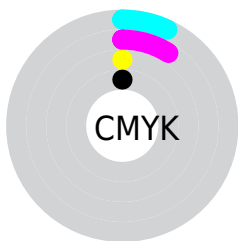
Distribution



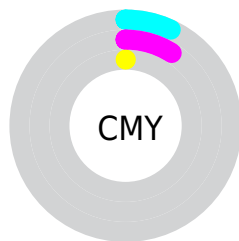
- Red (93%)
- Green (91%)
- Blue (100%)



- 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 82.5490, 0.3025, 0.3050 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 82.5490, 0.3025, 0.3050 by changing the saturation by 10% instead.


 82.5490, 0.3025,
0.3050

 82.5490, 0.3025,
0.3050


503.4822, 0.3072,
0.3157

 61.8182, 0.3014,
0.3026


136.9436, 0.3041,
0.3086

 44.8858, 0.3002,
0.2998


171.3762, 0.3047,
0.3101

 31.3675, 0.2985,
0.2962

211.1448, 0.3053,
0.3113

 20.8788, 0.2964,
0.2917

256.6339, 0.3058,
0.3124

 13.0355, 0.2936,
0.2856

308.2277, 0.3062,
0.3134

 7.4530, 0.2896,
0.2773

366.3108, 0.3065,

 3.7470, 0.2835,

0.3142

0.2651

431.2675, 0.3069,
0.3150

■ 1.5330, 0.2733,
0.2456

■ 0.3118, 0.2462,
0.1669

■ 82.5490, 0.3025,
0.3050

■ 82.5490, 0.3025,
0.3050

■ 66.3186, 0.2900,
0.2769

100.0000, 0.3127,
0.3290

■ 52.3820, 0.2758,
0.2463

■ 40.6366, 0.2599,
0.2141

■ 30.9680, 0.2429,
0.1812

■ 23.2514, 0.2252,
0.1495

■ 17.3483, 0.2079,
0.1208

■ 13.1010, 0.1919,
0.0972

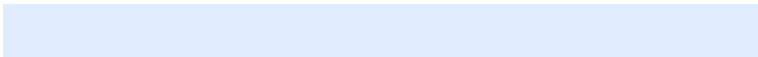
■ 10.3238, 0.1783,
0.0802

■ 8.7370, 0.1677,
0.0700

Harmonies

Analogous

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



82.5490, 0.2908, 0.3051



82.5490, 0.3025, 0.3050



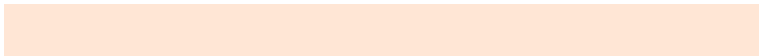
82.5490, 0.3172, 0.3110

Triad

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



82.5490, 0.3025, 0.3050



82.5490, 0.3413, 0.3457



82.5490, 0.2946, 0.3365

Complementary

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



82.5490, 0.3025, 0.3050



97.2614, 0.3223, 0.3525

Split Complementary

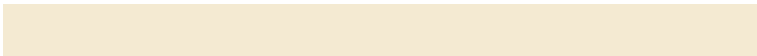
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5490, 0.3078, 0.3481



82.5490, 0.3025, 0.3050



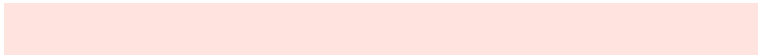
82.5490, 0.3348, 0.3533

Square

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



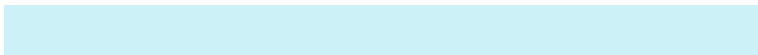
82.5490, 0.3025, 0.3050



82.5490, 0.3398, 0.3340



82.5490, 0.3225, 0.3543



82.5490, 0.2863, 0.3230

Rectangle

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



82.5490, 0.3025, 0.3050



82.5490, 0.3267, 0.3176



82.5490, 0.3225, 0.3543



82.5490, 0.2986, 0.3408

Sweetspot

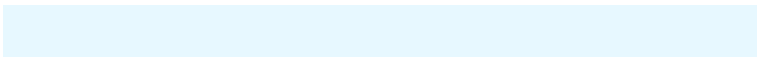
The Sweet Spot groups the original color and five complimentary colors.



82.5520, 0.3025, 0.3050



94.1983, 0.3096, 0.3216



91.4744, 0.2981, 0.3222



19.8385, 0.3088, 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.



82.5520, 0.3025, 0.3050



79.8012, 0.3006, 0.3007



84.6724, 0.3103, 0.3056



17.6317, 0.3024, 0.3047



4.5909, 0.1686, 0.0703



0.4999, 0.1802, 0.0766

Inverse Universe

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



85.2065, 0.3182, 0.3124



82.8802, 0.3192, 0.3095



95.1609, 0.3148, 0.3531



18.2057, 0.3182, 0.3122



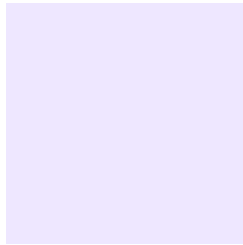
12.8874, 0.4106, 0.2036



1.2738, 0.3979, 0.1966

Previews

White Background



This preview shows how the Yxy color 82.5490, 0.3025, 0.3050 looks on a white background.

Color Contrast Check

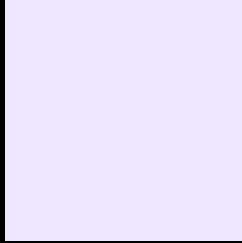
Large Text (above 18pt) WCAG AA × Fail

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 82.5490, 0.3025, 0.3050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

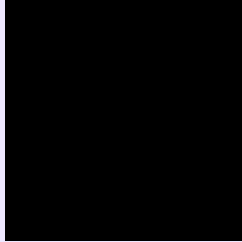
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

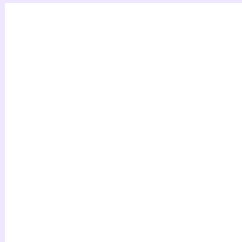
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.5490, 0.3025, 0.3050

Background



This preview shows how black text looks on a background with the Yxy color 82.5490, 0.3025, 0.3050.

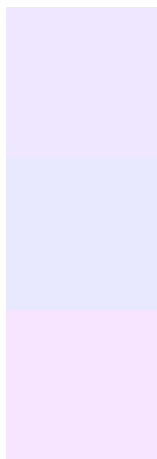


This preview shows how white text looks on a background with the Yxy color 82.5490, 0.3025, 0.3050.

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

82.5490, 0.3025, 0.3050

Protanopia

82.6536, 0.2986, 0.3068

Deuteranopia

82.4810, 0.3086, 0.3024



Tritanopia

82.6199, 0.3049, 0.3109

Trichromacy



Original Color

82.5490, 0.3025, 0.3050

Protanomaly

82.4257, 0.2999, 0.3058

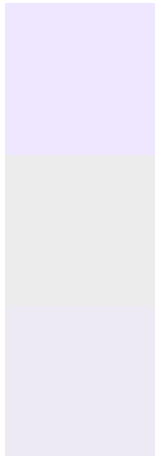
Deuteranomaly

82.4917, 0.3065, 0.3033

Tritanomaly

82.7460, 0.3037, 0.3089

Monochromacy



Original Color

82.5490, 0.3025, 0.3050

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.3212, 0.3091, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5490, 0.3025, 0.3050 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(238, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 231, 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(238, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 231, 255) }
```

Border

The CSS property to change the border of an element to Yxy 82.5490, 0.3025, 0.3050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

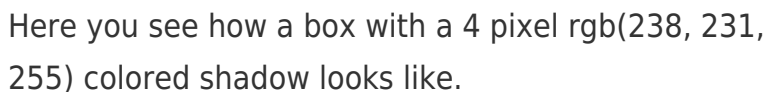
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(238, 231, 255) }
```

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

```
.border{ border-color:rgb(238, 231, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(238, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 231, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 231, 255); box-shadow:4px 4px 4px 4px rgb(238, 231, 255) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5490, 0.3025, 0.3050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 231, 255) }
```

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

```
.background{ background-color: rgb(238,  
231, 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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