

Converting Colors

$Yxy(83.7988, 0.3078, 0.3106)$

Have a look what the booklet for
Yxy(83.7988, 0.3078, 0.3106)
contains.

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Color

Yxy(83.5555, 0.3076, 0.3101)

Conversions

Conversions Part 1

Format	Color
Hex	F2E8FB
RGB	242, 232, 251
RGB Percent	95%, 91%, 98%
CMY	0.0510, 0.0902, 0.0158
CMYK	0.04, 0.08, 0.00, 0.02
HSL	272°, 70%, 95%
HSV	272°, 8%, 98%
XYZ	82.8819, 83.5555, 103.0096
YIQ	237.1560, -0.1390, 8.0290

Conversions

Conversions Part 2

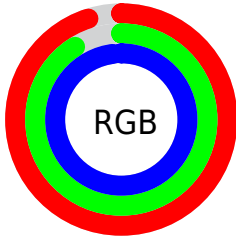
Format	Color
R _Y B	242, 232, 251
Decimal	15919355
CIE Lab	93.26, 6.75, -7.96
CIE LCh	93, 10.440, 310.294
Yxy	83.5555, 0.3076, 0.3101
Android (android.graphics.Color)	4294109435 (0xFF2E8FB)
YUV	237.1560, 6.8251, 4.2482
Hunter-Lab	91.4087, 1.8839, -2.8285

Details

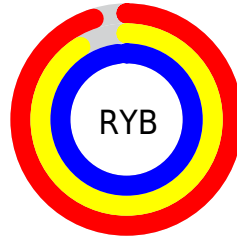
The Yxy color **83.5555, 0.3076, 0.3101** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **93.5105, 0.3175, 0.3479**, and the grayscale version is **84.7618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.3848, 0.3069, 0.3060** is the 20% darker color. If you saturate the color by 10%, you get **68.3864, 0.2998, 0.2833**, and if you desaturate by 10%, it is **99.5331, 0.3143, 0.3328**.

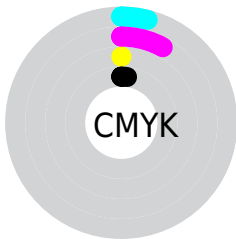
Distribution



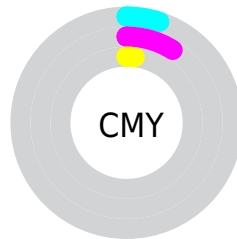
- Red (95%)
- Green (91%)
- Blue (98%)



- Red (95%)
- Yellow (91%)
- Blue (98%)



- Cyan (4%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)





- Cyan (5%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 83.5555, 0.3076, 0.3101 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 83.5555, 0.3076, 0.3101 by changing the saturation by 10% instead.


 83.5555, 0.3076,
0.3101

 83.5555, 0.3076,
0.3101


506.8360, 0.3100,
0.3185

 62.6485, 0.3071,
0.3082


138.3532, 0.3084,
0.3130

 45.5569, 0.3064,
0.3060


173.0127, 0.3087,
0.3141

 31.8963, 0.3056,
0.3032


213.0252, 0.3090,
0.3151

 21.2823, 0.3045,
0.2996

258.7751, 0.3092,
0.3159

 13.3305, 0.3031,
0.2948

310.6467, 0.3095,
0.3167

 7.6565, 0.3010,
0.2883

369.0244, 0.3096,

 3.8760, 0.2978,

0.3174

0.2786

434.2927, 0.3098,
0.3180

■ 1.6044, 0.2924,
0.2630

■ 0.3606, 0.2793,
0.1984

■ 83.5555, 0.3076,
0.3101

■ 83.5555, 0.3076,
0.3101

■ 68.3864, 0.2998,
0.2833

■ 99.5331, 0.3143,
0.3328

■ 55.2807, 0.2907,
0.2548

■ 99.7439, 0.3150,
0.3328

■ 44.1480, 0.2804,
0.2253

■ 34.8873, 0.2690,
0.1957

■ 27.3880, 0.2567,
0.1673

■ 21.5276, 0.2439,
0.1416

■ 17.1672, 0.2312,
0.1200

■ 14.1436, 0.2192,
0.1036

■ 12.2430, 0.2082,
0.0928

Harmonies

Analogous

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



83.5555, 0.2970, 0.3088



83.5555, 0.3076, 0.3101



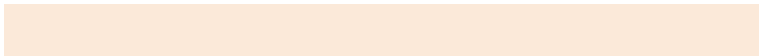
83.5555, 0.3198, 0.3162

Triad

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



83.5555, 0.3076, 0.3101



83.5555, 0.3353, 0.3449



83.5555, 0.2954, 0.3321

Complementary

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



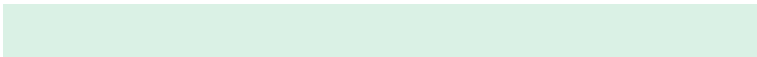
83.5555, 0.3076, 0.3101



93.5105, 0.3175, 0.3479

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.



83.5555, 0.3054, 0.3423



83.5555, 0.3076, 0.3101



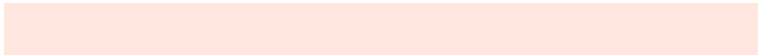
83.5555, 0.3285, 0.3497

Square

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



83.5555, 0.3076, 0.3101



83.5555, 0.3359, 0.3361



83.5555, 0.3175, 0.3488



83.5555, 0.2901, 0.3212

Rectangle

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



83.5555, 0.3076, 0.3101



83.5555, 0.3271, 0.3223



83.5555, 0.3175, 0.3488



83.5555, 0.2984, 0.3357

Sweetspot

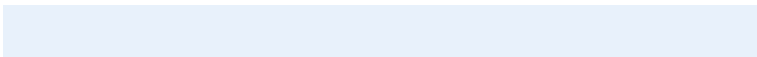
The Sweet Spot groups the original color and five complimentary colors.



83.5591, 0.3076, 0.3101



96.3336, 0.3114, 0.3241



87.1388, 0.3010, 0.3191



20.6578, 0.3115, 0.3244



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.



83.5591, 0.3076, 0.3101



84.2166, 0.3065, 0.3063



85.1692, 0.3138, 0.3108



17.0924, 0.3062, 0.3051



6.3291, 0.2074, 0.0916



0.6493, 0.2199, 0.0985

Inverse Universe

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



84.5763, 0.3199, 0.3201



85.4680, 0.3214, 0.3184



91.9852, 0.3116, 0.3479



17.3622, 0.3219, 0.3178



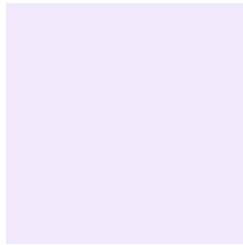
11.5090, 0.5073, 0.2568



1.0872, 0.4792, 0.2414

Previews

White Background



This preview shows how the Yxy color 83.5555, 0.3076, 0.3101 looks on a white background.

Color Contrast Check

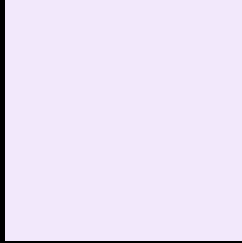
Large Text (above 18pt) WCAG AA × Fail

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 83.5555, 0.3076, 0.3101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

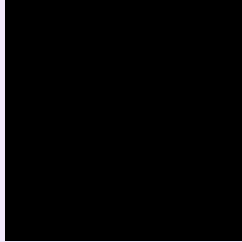
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

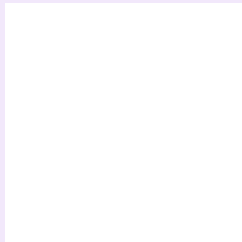
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.5555, 0.3076, 0.3101

Background



This preview shows how black text looks on a background with the Yxy color 83.5555, 0.3076, 0.3101.

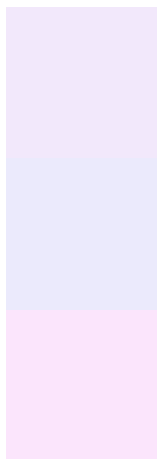


This preview shows how white text looks on a background with the Yxy color 83.5555, 0.3076, 0.3101.

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

83.5555, 0.3076, 0.3101

Protanopia

83.5361, 0.3024, 0.3109

Deuteranopia

83.5761, 0.3131, 0.3065



Tritanopia

83.4926, 0.3082, 0.3111

Trichromacy



Original Color

83.5555, 0.3076, 0.3101

Protanomaly

83.4832, 0.3043, 0.3100

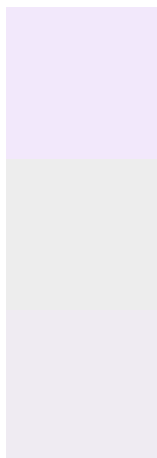
Deuteranomaly

83.5784, 0.3110, 0.3074

Tritanomaly

83.4926, 0.3082, 0.3111

Monochromacy



Original Color

83.5555, 0.3076, 0.3101

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

84.1782, 0.3110, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.5555, 0.3076, 0.3101 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, 232, 251)` looks like.

```
.text, #text, p{  
    color:rgb(242, 232, 251)  
}
```

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, 232, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 232, 251) }
```

Border

The CSS property to change the border of an element to Yxy 83.5555, 0.3076, 0.3101 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, 232, 251) }
```

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

```
.border{ border-color:rgb(242, 232, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 232, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 232, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 232, 251);  
box-shadow:4px 4px 4px 4px rgb(242, 232,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 83.5555, 0.3076, 0.3101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 232, 251) }
```

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

```
.background{ background-color: rgb(242,  
232, 251) }
```

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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