

Converting Colors

$Yxy(85.6889, 0.3089, 0.3079)$

Have a look what the booklet for
Yxy(85.6889, 0.3089, 0.3079)
contains.

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Color

Yxy(85.4543, 0.3091, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	F8E9FF
RGB	248, 233, 255
RGB Percent	97%, 91%, 100%
CMY	0.0274, 0.0863, 0.0001
CMYK	0.03, 0.09, 0.00, 0.00
HSL	281°, 100%, 96%
HSV	281°, 9%, 100%
XYZ	85.8989, 85.4543, 106.5469
YIQ	239.9930, 1.8780, 10.0220

Conversions

Conversions Part 2

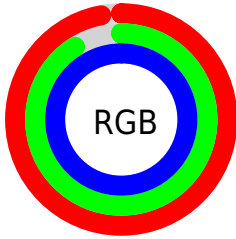
Format	Color
R_{YB}	248, 233, 255
Decimal	16312831
CIE _{Lab}	94.08, 8.94, -8.77
CIE _{LCh}	94, 12.521, 315.548
Y _{xy}	85.4543, 0.3091, 0.3075
Android (android.graphics.Color)	4294502911 (0xFFFF8E9FF)
Y_{UV}	239.9930, 7.3985, 7.0221
Hunter-Lab	92.4415, 4.0940, -3.6279

Details

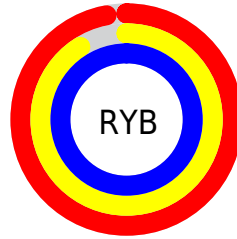
The Yxy color 85.4543, 0.3091, 0.3075 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.9021, 0.3160, 0.3509, and the grayscale version is 87.0741, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 46.7280, 0.3088, 0.3028 is the 20% darker color. If you saturate the color by 10%, you get 70.6050, 0.3041, 0.2811, and if you desaturate by 10%, it is 99.9980, 0.3127, 0.3290.

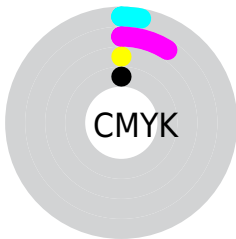
Distribution



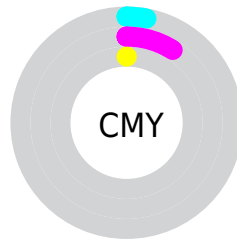
- Red (97%)
- Green (91%)
- Blue (100%)



- Red (97%)
- Yellow (91%)
- Blue (100%)



- Cyan (3%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.4543, 0.3091, 0.3075 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 85.4543, 0.3091, 0.3075 by changing the saturation by 10% instead.


 85.4543, 0.3091,
0.3075

 85.4543, 0.3091,
0.3075

513.1301, 0.3108,
0.3170

 64.2168, 0.3087,
0.3054


141.0077, 0.3097,
0.3107

 46.8263, 0.3082,
0.3029


176.0925, 0.3099,
0.3120

 32.8984, 0.3076,
0.2998


216.5617, 0.3101,
0.3131

 22.0486, 0.3068,
0.2958

262.8000, 0.3103,
0.3141

 13.8926, 0.3058,
0.2906

315.1915, 0.3104,
0.3149

 8.0460, 0.3042,
0.2834

374.1208, 0.3106,

 4.1244, 0.3018,

0.3157

0.2729

439.9722, 0.3107,
0.3164

■ 1.7434, 0.2976,
0.2564

■ 0.4515, 0.2929,
0.2043

■ 85.4543, 0.3091,
0.3075

■ 85.4543, 0.3091,
0.3075

■ 70.6050, 0.3041,
0.2811

99.9980, 0.3127,
0.3290

■ 57.8116, 0.2983,
0.2536

■ 46.9815, 0.2916,
0.2257

■ 38.0106, 0.2841,
0.1985

■ 30.7850, 0.2760,
0.1732

■ 25.1779, 0.2674,
0.1509

■ 21.0452, 0.2586,
0.1328

■ 18.2159, 0.2500,
0.1195

■ 16.4475, 0.2419,
0.1110

Harmonies

Analogous

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



85.4543, 0.2959, 0.3048



85.4543, 0.3091, 0.3075



85.4543, 0.3235, 0.3156

Triad

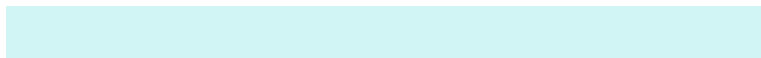
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4543, 0.3091, 0.3075



85.4543, 0.3386, 0.3493



85.4543, 0.2906, 0.3303

Complementary

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



85.4543, 0.3091, 0.3075



95.9021, 0.3160, 0.3509

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.



85.4543, 0.3017, 0.3430



85.4543, 0.3091, 0.3075



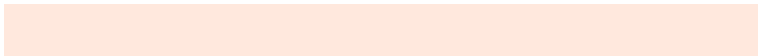
85.4543, 0.3294, 0.3540

Square

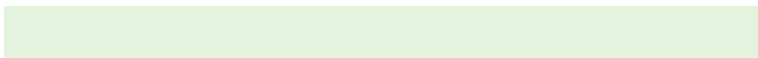
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4543, 0.3091, 0.3075



85.4543, 0.3408, 0.3394



85.4543, 0.3158, 0.3518



85.4543, 0.2854, 0.3176

Rectangle

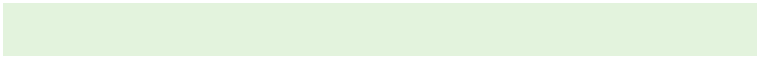
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.4543, 0.3091, 0.3075



85.4543, 0.3319, 0.3231



85.4543, 0.3158, 0.3518



85.4543, 0.2937, 0.3347

Sweetspot

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



85.4580, 0.3091, 0.3075



94.7592, 0.3115, 0.3217



87.0554, 0.2993, 0.3143



19.9897, 0.3112, 0.3197



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

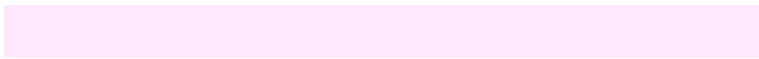
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.4580, 0.3091, 0.3075



83.2960, 0.3085, 0.3039



86.5197, 0.3160, 0.3113



17.9950, 0.3087, 0.3052



8.5722, 0.2421, 0.1107



0.8931, 0.2512, 0.1158

Inverse Universe

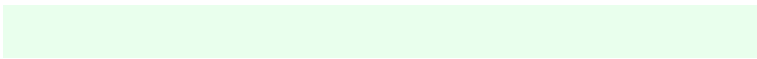
The Inverse Universe completely reimagines the original color for something new.



85.8243, 0.3232, 0.3222



83.7239, 0.3251, 0.3211



94.9196, 0.3096, 0.3474



18.0819, 0.3244, 0.3215



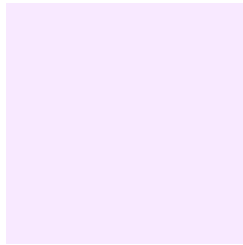
11.4411, 0.5708, 0.2918



1.1328, 0.5389, 0.2742

Previews

White Background



This preview shows how the Yxy color 85.4543, 0.3091, 0.3075 looks on a white background.

Color Contrast Check

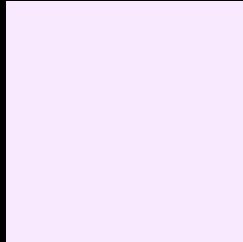
Large Text (above 18pt) WCAG AA × Fail

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 85.4543, 0.3091, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

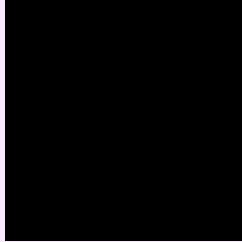
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

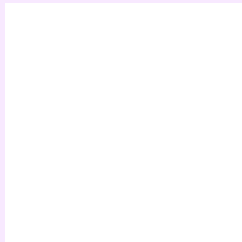
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.4543, 0.3091, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 85.4543, 0.3091, 0.3075.

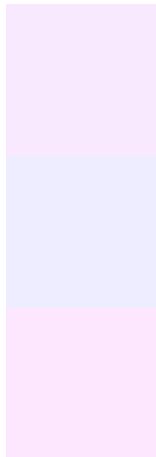


This preview shows how white text looks on a background with the Yxy color 85.4543, 0.3091, 0.3075.

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

85.4543, 0.3091, 0.3075

Protanopia

85.7929, 0.3018, 0.3110

Deuteranopia

85.2545, 0.3125, 0.3057



Tritanopia

85.8304, 0.3109, 0.3113

Trichromacy



Original Color

85.4543, 0.3091, 0.3075

Protanomaly

85.9117, 0.3044, 0.3102

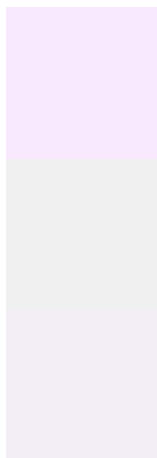
Deuteranomaly

85.4425, 0.3111, 0.3066

Tritanomaly

85.8939, 0.3103, 0.3104

Monochromacy



Original Color

85.4543, 0.3091, 0.3075

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.2156, 0.3118, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.4543, 0.3091, 0.3075 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(248, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 233, 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(248, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.4543, 0.3091, 0.3075 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(248, 233, 255) }
```

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

```
.border{ border-color:rgb(248, 233, 255) }
```

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

Here you see how a box with a 4 pixel rgb(248, 233, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.4543, 0.3091, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 233, 255) }
```

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

```
.background{ background-color: rgb(248,  
233, 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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