

Converting Colors

$Y_{xy}(85.0101, 0.3075, 0.3074)$

Have a look what the booklet for
Yxy(85.0101, 0.3075, 0.3074)
contains.

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Color

Yxy(85.0907, 0.3078, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	F6E9FF
RGB	246, 233, 255
RGB Percent	96%, 91%, 100%
CMY	0.0351, 0.0863, 0.0001
CMYK	0.04, 0.09, 0.00, 0.00
HSL	276°, 100%, 96%
HSV	276°, 9%, 100%
XYZ	85.2014, 85.0907, 106.5156
YIQ	239.3950, 0.6860, 9.5980

Conversions

Conversions Part 2

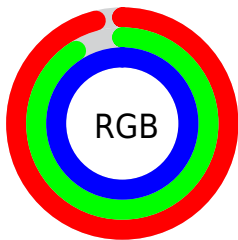
Format	Color
R _Y B	246, 233, 255
Decimal	16181759
CIE Lab	93.92, 8.30, -9.02
CIE LCh	94, 12.257, 312.623
Yxy	85.0907, 0.3078, 0.3074
Android (android.graphics.Color)	4294371839 (0xFF6E9FF)
YUV	239.3950, 7.6933, 5.7926
Hunter-Lab	92.2446, 3.4428, -3.8914

Details

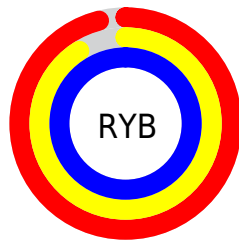
The Yxy color **85.0907, 0.3078, 0.3074** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.2487, 0.3173, 0.3508**, and the grayscale version is **86.5839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.4686, 0.3071, 0.3027** is the 20% darker color. If you saturate the color by 10%, you get **69.8644, 0.3011, 0.2806**, and if you desaturate by 10%, it is **99.9981, 0.3127, 0.3290**.

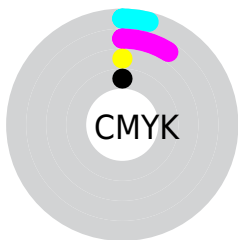
Distribution



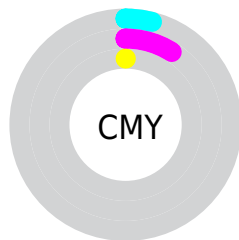
- Red (96%)
- Green (91%)
- Blue (100%)



- Red (96%)
- Yellow (91%)
- Blue (100%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.0907, 0.3078, 0.3074 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 85.0907, 0.3078, 0.3074 by changing the saturation by 10% instead.

 85.0907, 0.3078,
0.3074

 85.0907, 0.3078,
0.3074


511.9281, 0.3101,
0.3170

 63.9163, 0.3073,
0.3053


140.4999, 0.3086,
0.3106

 46.5829, 0.3066,
0.3028


175.5035, 0.3089,
0.3119

 32.7060, 0.3058,
0.2996


215.8856, 0.3092,
0.3130

 21.9014, 0.3048,
0.2956

262.0307, 0.3094,
0.3140

 13.7844, 0.3034,
0.2903

314.3231, 0.3096,
0.3149

 7.9709, 0.3014,
0.2830

373.1472, 0.3098,

 4.0763, 0.2983,

0.3157

0.2725

438.8874, 0.3099,
0.3164

■ 1.7164, 0.2930,
0.2557

■ 0.4342, 0.2849,
0.2011

■ 85.0907, 0.3078,
0.3074

■ 85.0907, 0.3078,
0.3074

■ 69.8644, 0.3011,
0.2806

99.9981, 0.3127,
0.3290

■ 56.7340, 0.2934,
0.2525

■ 45.6059, 0.2845,
0.2236

■ 36.3750, 0.2747,
0.1950

■ 28.9265, 0.2641,
0.1680

■ 23.1326, 0.2530,
0.1440

■ 18.8480, 0.2419,
0.1241

■ 15.9007, 0.2312,
0.1094

■ 14.0469, 0.2213,
0.0997

Harmonies

Analogous

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



85.0907, 0.2952, 0.3053



85.0907, 0.3078, 0.3074



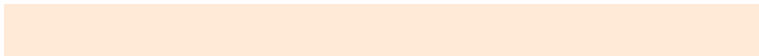
85.0907, 0.3220, 0.3149

Triad

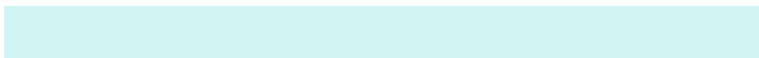
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0907, 0.3078, 0.3074



85.0907, 0.3387, 0.3482



85.0907, 0.2919, 0.3316

Complementary

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



85.0907, 0.3078, 0.3074



96.2487, 0.3173, 0.3508

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.



85.0907, 0.3032, 0.3438



85.0907, 0.3078, 0.3074



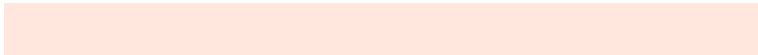
85.0907, 0.3302, 0.3534

Square

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



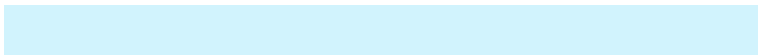
85.0907, 0.3078, 0.3074



85.0907, 0.3401, 0.3381



85.0907, 0.3172, 0.3519



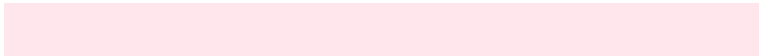
85.0907, 0.2862, 0.3189

Rectangle

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



85.0907, 0.3078, 0.3074



85.0907, 0.3304, 0.3220



85.0907, 0.3172, 0.3519



85.0907, 0.2951, 0.3359

Sweetspot

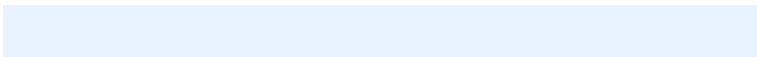
The Sweet Spot groups the original color and five complimentary colors.



85.0943, 0.3078, 0.3074



94.6310, 0.3111, 0.3217



88.1363, 0.2993, 0.3162



19.9551, 0.3106, 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.



85.0943, 0.3078, 0.3074



82.8832, 0.3069, 0.3038



86.6311, 0.3149, 0.3095



17.9108, 0.3073, 0.3051



7.3189, 0.2216, 0.0994



0.7765, 0.2326, 0.1055

Inverse Universe

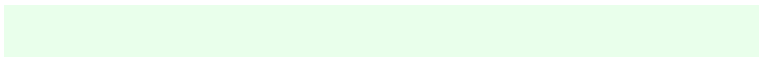
The Inverse Universe completely reimagines the original color for something new.



85.9367, 0.3220, 0.3203



83.8588, 0.3236, 0.3189



94.8128, 0.3106, 0.3493



18.1094, 0.3230, 0.3194



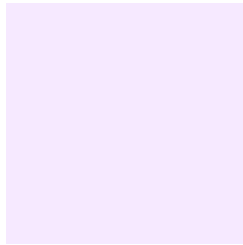
11.6548, 0.5358, 0.2725



1.1558, 0.5059, 0.2561

Previews

White Background



This preview shows how the Yxy color 85.0907, 0.3078, 0.3074 looks on a white background.

Color Contrast Check

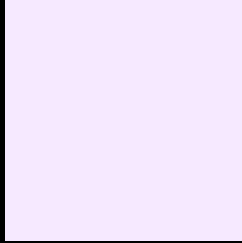
Large Text (above 18pt) WCAG AA × Fail

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 85.0907, 0.3078, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

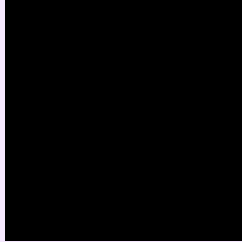
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

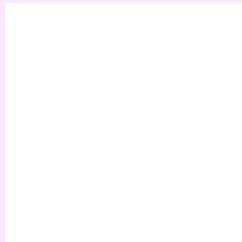
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.0907, 0.3078, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 85.0907, 0.3078, 0.3074.

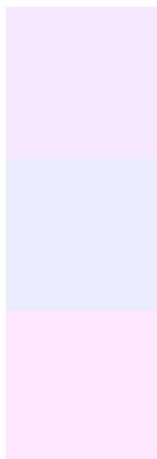


This preview shows how white text looks on a background with the Yxy color 85.0907, 0.3078, 0.3074.

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

85.0907, 0.3078, 0.3074

Protanopia

85.0438, 0.3012, 0.3100

Deuteranopia

85.0673, 0.3118, 0.3057



Tritanopia

84.8989, 0.3096, 0.3103

Trichromacy



Original Color

85.0907, 0.3078, 0.3074

Protanomaly

85.1619, 0.3038, 0.3091

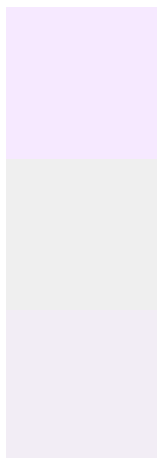
Deuteranomaly

85.2572, 0.3104, 0.3066

Tritanomaly

84.9625, 0.3090, 0.3093

Monochromacy



Original Color

85.0907, 0.3078, 0.3074

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.0382, 0.3111, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.0907, 0.3078, 0.3074 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(246, 233, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 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(246, 233, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 233, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.0907, 0.3078, 0.3074 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(246, 233, 255) }
```

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

```
.border{ border-color:rgb(246, 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(246, 233, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 233, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 233, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 233,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.0907, 0.3078, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 233, 255) }
```

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

```
.background{ background-color: rgb(246,  
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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