

Converting Colors

Yxy(86.2457, 0.3031, 0.3008)

Have a look what the booklet for
Yxy(86.2457, 0.3031, 0.3008)
contains.

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Color

Yxy(85.6585, 0.3077, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	F6E AFF
RGB	246, 234, 255
RGB Percent	96%, 92%, 100%
CMY	0.0355, 0.0823, 0.0000
CMYK	0.04, 0.08, 0.00, 0.00
HSL	274°, 100%, 96%
HSV	274°, 8%, 100%
XYZ	85.4641, 85.6585, 106.6287
YIQ	239.9820, 0.4110, 9.0750

Conversions

Conversions Part 2

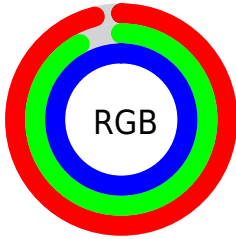
Format	Color
R_{YB}	246, 234, 255
Decimal	16182015
CIE Lab	94.17, 7.74, -8.67
CIE LCh	94, 11.623, 311.774
Yxy	85.6585, 0.3077, 0.3084
Android (android.graphics.Color)	4294372095 (0xFF6E6E)
YUV	239.9820, 7.4039, 5.2778
Hunter-Lab	92.5519, 2.8643, -3.5215

Details

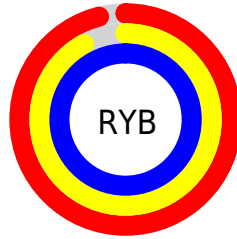
The Yxy color **85.6585, 0.3077, 0.3084** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96.5228, 0.3174, 0.3497**, and the grayscale version is **87.0608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **46.8652, 0.3071, 0.3039** is the 20% darker color. If you saturate the color by 10%, you get **70.2416, 0.3006, 0.2816**, and if you desaturate by 10%, it is **99.9995, 0.3127, 0.3290**.

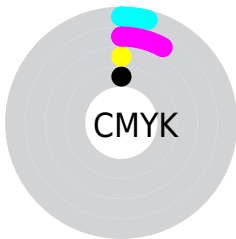
Distribution



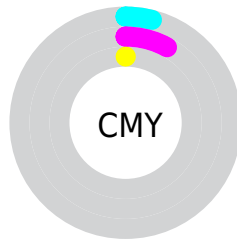
- Red (96%)
- Green (92%)
- Blue (100%)



- Red (96%)
- Yellow (92%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.6585, 0.3077, 0.3084 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 85.6585, 0.3077, 0.3084 by changing the saturation by 10% instead.


 85.6585, 0.3077,
0.3084

 85.6585, 0.3077,
0.3084

513.8045, 0.3100,
0.3175

 64.3856, 0.3072,
0.3064


141.2928, 0.3085,
0.3115

 46.9631, 0.3065,
0.3040


176.4231, 0.3088,
0.3127

 33.0065, 0.3057,
0.3010


216.9412, 0.3091,
0.3138

 22.1314, 0.3047,
0.2971

263.2317, 0.3093,
0.3147

 13.9535, 0.3033,
0.2921

315.6789, 0.3095,
0.3155

 8.0883, 0.3012,
0.2852

374.6671, 0.3097,

 4.1515, 0.2982,

0.3163

0.2751

440.5809, 0.3099,
0.3169

■ 1.7587, 0.2929,
0.2591

■ 0.4612, 0.2846,
0.2093

■ 85.6585, 0.3077,
0.3084

■ 85.6585, 0.3077,
0.3084

■ 70.2416, 0.3006,
0.2816

99.9995, 0.3127,
0.3290

■ 56.9375, 0.2924,
0.2533

■ 45.6524, 0.2830,
0.2242

■ 36.2813, 0.2725,
0.1952

■ 28.7093, 0.2613,
0.1677

■ 22.8090, 0.2496,
0.1430

■ 18.4353, 0.2379,
0.1225

■ 15.4171, 0.2266,
0.1071

■ 13.5199, 0.2163,
0.0971

Harmonies

Analogous

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



85.6585, 0.2958, 0.3066



85.6585, 0.3077, 0.3084



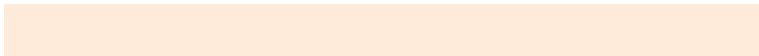
85.6585, 0.3211, 0.3154

Triad

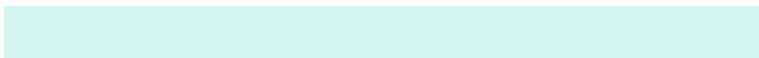
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6585, 0.3077, 0.3084



85.6585, 0.3374, 0.3470



85.6585, 0.2932, 0.3318

Complementary

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



85.6585, 0.3077, 0.3084



96.5228, 0.3174, 0.3497

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.



85.6585, 0.3040, 0.3433



85.6585, 0.3077, 0.3084



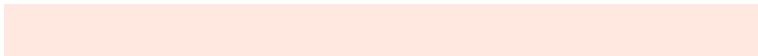
85.6585, 0.3296, 0.3520

Square

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



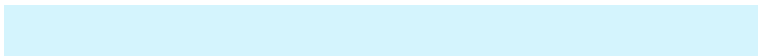
85.6585, 0.3077, 0.3084



85.6585, 0.3385, 0.3373



85.6585, 0.3173, 0.3507



85.6585, 0.2876, 0.3198

Rectangle

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



85.6585, 0.3077, 0.3084



85.6585, 0.3292, 0.3221



85.6585, 0.3173, 0.3507



85.6585, 0.2964, 0.3359

Sweetspot

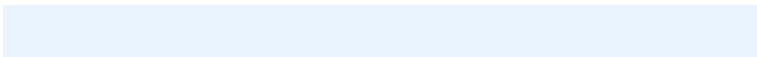
The Sweet Spot groups the original color and five complimentary colors.



85.6622, 0.3077, 0.3084



96.3744, 0.3116, 0.3241



88.8827, 0.3000, 0.3171



20.6661, 0.3116, 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.



85.6622, 0.3077, 0.3084



82.7696, 0.3065, 0.3038



87.2471, 0.3145, 0.3101



17.8876, 0.3069, 0.3051



7.0099, 0.2162, 0.0964



0.7471, 0.2276, 0.1027

Inverse Universe

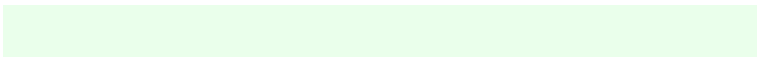
The Inverse Universe completely reimagines the original color for something new.



86.5924, 0.3212, 0.3202



83.8965, 0.3232, 0.3182



95.0336, 0.3109, 0.3486



18.1171, 0.3226, 0.3188



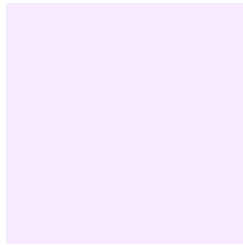
11.7252, 0.5255, 0.2669



1.1630, 0.4966, 0.2509

Previews

White Background



This preview shows how the Yxy color 85.6585, 0.3077, 0.3084 looks on a white background.

Color Contrast Check

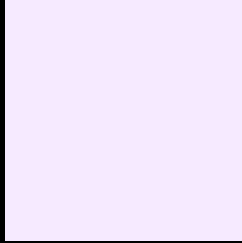
Large Text (above 18pt) WCAG AA × Fail

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 85.6585, 0.3077, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

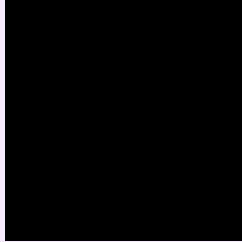
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

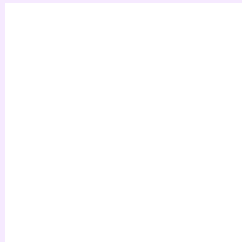
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.6585, 0.3077, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 85.6585, 0.3077, 0.3084.

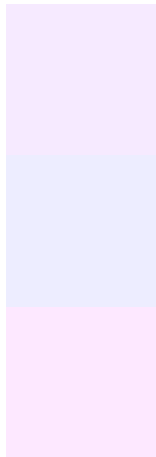


This preview shows how white text looks on a background with the Yxy color 85.6585, 0.3077, 0.3084.

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

85.6585, 0.3077, 0.3084

Protanopia

85.7929, 0.3018, 0.3110

Deuteranopia

85.8159, 0.3124, 0.3067



Tritanopia

85.5303, 0.3090, 0.3103

Trichromacy



Original Color

85.6585, 0.3077, 0.3084

Protanomaly

85.7362, 0.3038, 0.3101

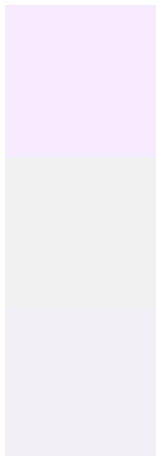
Deuteranomaly

85.8218, 0.3104, 0.3076

Tritanomaly

85.5942, 0.3083, 0.3093

Monochromacy



Original Color

85.6585, 0.3077, 0.3084

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.6189, 0.3111, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.6585, 0.3077, 0.3084 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, 234, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 234, 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, 234, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 234, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.6585, 0.3077, 0.3084 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, 234, 255) }
```

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

```
.border{ border-color:rgb(246, 234, 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, 234, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 234, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 234, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 234,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.6585, 0.3077, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 234, 255) }
```

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

```
.background{ background-color: rgb(246,  
234, 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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