

Converting Colors

Yxy(86.5018, 0.3133, 0.3148)

Have a look what the booklet for
Yxy(86.5018, 0.3133, 0.3148)
contains.

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Color

Yxy(86.4585, 0.3127, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	F9EBFA
RGB	249, 235, 250
RGB Percent	98%, 92%, 98%
CMY	0.0237, 0.0783, 0.0196
CMYK	0.00, 0.06, 0.00, 0.02
HSL	296°, 60%, 95%
HSV	296°, 6%, 98%
XYZ	86.0184, 86.4585, 102.6059
YIQ	240.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

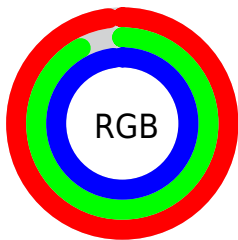
Format	Color
R _Y B	249, 235, 250
Decimal	16378874
CIE Lab	94.51, 7.31, -5.55
CIE LCh	95, 9.178, 322.800
Yxy	86.4585, 0.3127, 0.3143
Android (android.graphics.Color)	4294568954 (0xFFFF9EBFA)
YUV	240.8960, 4.4883, 7.1072
Hunter-Lab	92.9831, 2.4095, -0.3378

Details

The Yxy color $86.4585, 0.3127, 0.3143$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $92.2253, 0.3127, 0.3441$, and the grayscale version is $87.8372, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $47.4727, 0.3127, 0.3103$ is the 20% darker color. If you saturate the color by 10%, you get $72.8127, 0.3125, 0.2891$, and if you desaturate by 10%, it is $98.8804, 0.3129, 0.3338$.

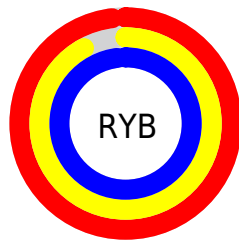
Distribution



Red (98%)

Green (92%)

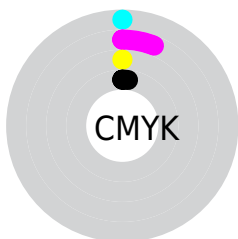
Blue (98%)



Red (98%)

Yellow (92%)

Blue (98%)

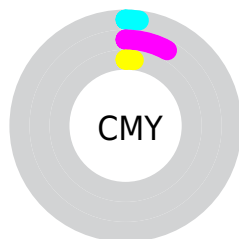


Cyan (0%)

Magenta (6%)

Yellow (0%)

Black (2%)



Cyan (2%)


Magenta (8%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.4585, 0.3127, 0.3143 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 86.4585, 0.3127, 0.3143 by changing the saturation by 10% instead.


 86.4585, 0.3127,
0.3143

 86.4585, 0.3127,
0.3143

516.4418, 0.3127,
0.3208

 65.0472, 0.3127,
0.3129


142.4091, 0.3127,
0.3165

 47.4993, 0.3127,
0.3111


177.7173, 0.3127,
0.3174

 33.4306, 0.3126,
0.3090

218.4264, 0.3127,
0.3182

 22.4565, 0.3126,
0.3062

264.9210, 0.3127,
0.3188

 14.1927, 0.3125,
0.3026

317.5855, 0.3127,
0.3194

 8.2548, 0.3123,
0.2976

376.8042, 0.3127,

 4.2584, 0.3121,

0.3199

0.2903

442.9615, 0.3127,
0.3204

■ 1.8192, 0.3115,
0.2786

■ 0.4991, 0.3134,
0.2396

■ 86.4585, 0.3127,
0.3143

■ 86.4585, 0.3127,
0.3143

■ 72.8127, 0.3125,
0.2891

■ 98.8804, 0.3129,
0.3338

■ 61.0946, 0.3122,
0.2634

■ 99.2104, 0.3140,
0.3338

■ 51.2188, 0.3116,
0.2382

■ 99.5434, 0.3151,
0.3338

■ 43.0890, 0.3108,
0.2143

■ 99.6829, 0.3156,
0.3338

■ 36.6000, 0.3098,
0.1928

■ 31.6355, 0.3085,
0.1747

■ 28.0637, 0.3070,
0.1606

■ 25.7309, 0.3053,
0.1510

■ 24.4458, 0.3036,
0.1456

Harmonies

Analogous

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



86.4585, 0.3026, 0.3113



86.4585, 0.3127, 0.3143



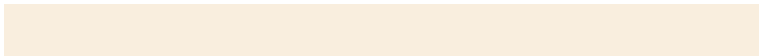
86.4585, 0.3230, 0.3211

Triad

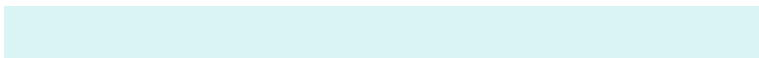
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.4585, 0.3127, 0.3143



86.4585, 0.3304, 0.3451



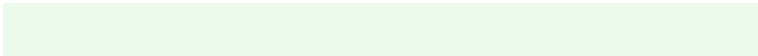
86.4585, 0.2952, 0.3277

Complementary

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



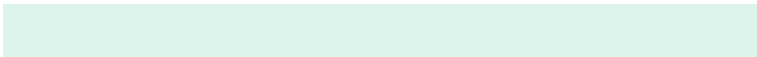
86.4585, 0.3127, 0.3143



92.2253, 0.3127, 0.3441

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.



86.4585, 0.3024, 0.3371



86.4585, 0.3127, 0.3143



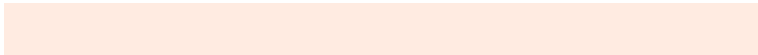
86.4585, 0.3227, 0.3473

Square

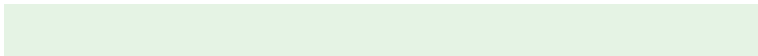
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



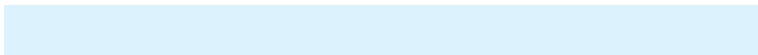
86.4585, 0.3127, 0.3143



86.4585, 0.3333, 0.3387



86.4585, 0.3125, 0.3444



86.4585, 0.2926, 0.3188

Rectangle

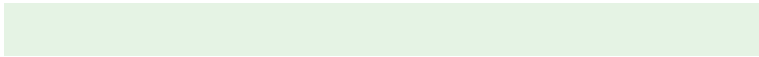
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.4585, 0.3127, 0.3143



86.4585, 0.3285, 0.3269



86.4585, 0.3125, 0.3444



86.4585, 0.2971, 0.3309

Sweetspot

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



86.4622, 0.3127, 0.3143



96.7206, 0.3127, 0.3241



84.7153, 0.3035, 0.3151



20.7365, 0.3127, 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.



86.4622, 0.3127, 0.3143



88.8963, 0.3127, 0.3118



86.2724, 0.3173, 0.3204



18.0335, 0.3127, 0.3103



12.8137, 0.3032, 0.1444



1.2050, 0.3054, 0.1456

Inverse Universe

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



85.8159, 0.3222, 0.3280



88.1127, 0.3239, 0.3278



92.4115, 0.3084, 0.3378



17.8603, 0.3249, 0.3277



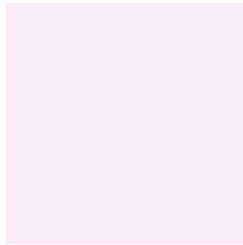
10.8105, 0.6327, 0.3259



1.0080, 0.6157, 0.3165

Previews

White Background



This preview shows how the Yxy color 86.4585, 0.3127, 0.3143 looks on a white background.

Color Contrast Check

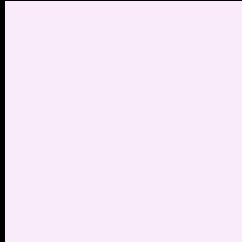
Large Text (above 18pt) WCAG AA × Fail

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 86.4585, 0.3127, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

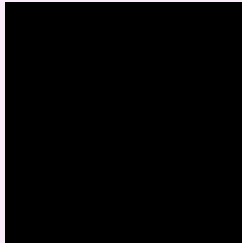
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.4585, 0.3127, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 86.4585, 0.3127, 0.3143.



This preview shows how white text looks on a background with the Yxy color 86.4585, 0.3127, 0.3143.

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

86.4585, 0.3127, 0.3143

Protanopia

86.7026, 0.3055, 0.3151

Deuteranopia

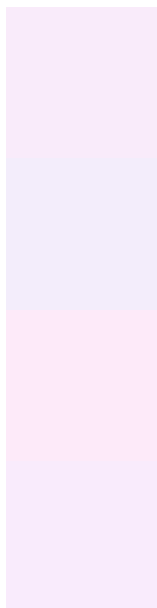
86.3774, 0.3175, 0.3135



Tritanopia

86.6482, 0.3109, 0.3114

Trichromacy



Original Color

86.4585, 0.3127, 0.3143

Protanomaly

86.5881, 0.3081, 0.3151

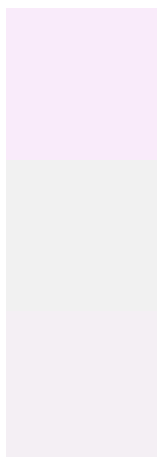
Deuteranomaly

86.5678, 0.3161, 0.3144

Tritanomaly

86.5847, 0.3115, 0.3124

Monochromacy



Original Color

86.4585, 0.3127, 0.3143

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

87.4978, 0.3129, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.4585, 0.3127, 0.3143 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(249, 235, 250)` looks like.

```
.text, #text, p{  
    color:rgb(249, 235, 250)  
}
```

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(249, 235, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 235, 250) }
```

Border

The CSS property to change the border of an element to Yxy 86.4585, 0.3127, 0.3143 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(249, 235, 250) }
```

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

```
.border{ border-color:rgb(249, 235, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 235, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 235, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 235, 250);  
box-shadow:4px 4px 4px 4px rgb(249, 235,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 86.4585, 0.3127, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 235, 250) }
```

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

```
.background{ background-color: rgb(249,  
235, 250) }
```

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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