

Converting Colors

$Yxy(85.6009, 0.3130, 0.3061)$

Have a look what the booklet for
Yxy(85.6009, 0.3130, 0.3061)
contains.

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Color

Yxy(85.4427, 0.3131, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	FEE7FF
RGB	254, 231, 255
RGB Percent	100%, 91%, 100%
CMY	0.0041, 0.0940, 0.0000
CMYK	0.00, 0.09, 0.00, 0.00
HSL	297°, 100%, 95%
HSV	297°, 9%, 100%
XYZ	87.4824, 85.4427, 106.4821
YIQ	240.6130, 6.0040, 12.3400

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 231, 255
Decimal	16705535
CIE _{Lab}	94.07, 11.91, -8.74
CIE _{LCh}	94, 14.773, 323.741
Yxy	85.4427, 0.3131, 0.3058
Android (android.graphics.Color)	4294895615 (0xFFFE07FF)
YUV	240.6130, 7.0928, 11.7404
Hunter-Lab	92.4352, 7.1740, -3.5953

Details

The Yxy color 85.4427, 0.3131, 0.3058 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 94.4551, 0.3122, 0.3532, and the grayscale version is 87.5803, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 46.6075, 0.3132, 0.3007 is the 20% darker color. If you saturate the color by 10%, you get 71.9852, 0.3134, 0.2804, and if you desaturate by 10%, it is 99.9996, 0.3127, 0.3290.

Distribution



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



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 85.4427, 0.3131, 0.3058 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 85.4427, 0.3131, 0.3058 by changing the saturation by 10% instead.


 85.4427, 0.3131,
0.3058

 85.4427, 0.3131,
0.3058


513.0918, 0.3130,
0.3160

 64.2072, 0.3131,
0.3036


140.9915, 0.3131,
0.3093

 46.8185, 0.3131,
0.3009


176.0737, 0.3131,
0.3106

 32.8922, 0.3131,
0.2975


216.5402, 0.3131,
0.3118

 22.0439, 0.3130,
0.2933

262.7754, 0.3131,
0.3129

 13.8892, 0.3129,
0.2877

315.1638, 0.3130,
0.3138

 8.0436, 0.3127,
0.2801

374.0898, 0.3130,

 4.1229, 0.3123,

0.3146

0.2690

439.9376, 0.3130,
0.3154

■ 1.7425, 0.3113,
0.2516

■ 0.4510, 0.3157,
0.1979

■ 85.4427, 0.3131,
0.3058

■ 85.4427, 0.3131,
0.3058

■ 71.9852, 0.3134,
0.2804

99.9996, 0.3127,
0.3290

■ 60.5150, 0.3136,
0.2550

■ 50.9399, 0.3136,
0.2304

■ 43.1559, 0.3135,
0.2077

■ 37.0490, 0.3131,
0.1877

■ 32.4921, 0.3126,
0.1715

■ 29.3401, 0.3118,
0.1595

■ 27.4205, 0.3109,
0.1519

■ 26.4683, 0.3098,
0.1482

Harmonies

Analogous

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



85.4427, 0.2967, 0.3007



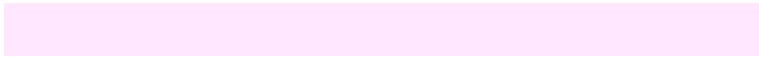
85.4427, 0.3131, 0.3058



85.4427, 0.3298, 0.3166

Triad

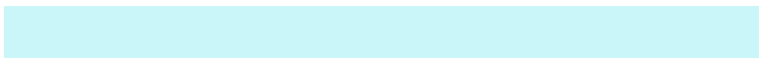
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4427, 0.3131, 0.3058



85.4427, 0.3411, 0.3552



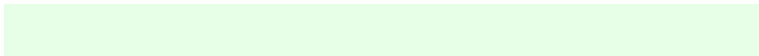
85.4427, 0.2843, 0.3262

Complementary

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



85.4427, 0.3131, 0.3058



94.4551, 0.3122, 0.3532

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.



85.4427, 0.2956, 0.3417



85.4427, 0.3131, 0.3058



85.4427, 0.3283, 0.3588

Square

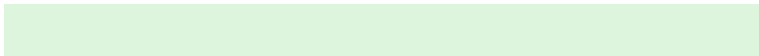
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4427, 0.3131, 0.3058



85.4427, 0.3461, 0.3448



85.4427, 0.3116, 0.3539



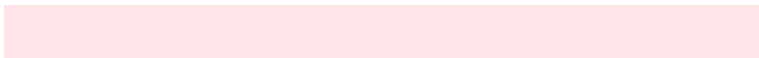
85.4427, 0.2804, 0.3119

Rectangle

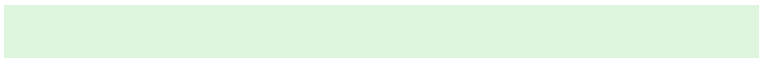
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.4427, 0.3131, 0.3058



85.4427, 0.3387, 0.3259



85.4427, 0.3116, 0.3539



85.4427, 0.2873, 0.3314

Sweetspot

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



85.4464, 0.3131, 0.3058



95.1524, 0.3128, 0.3217



82.0526, 0.2980, 0.3059



20.0962, 0.3129, 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.



85.4464, 0.3131, 0.3058



83.1588, 0.3132, 0.3018



84.9695, 0.3207, 0.3162



18.2575, 0.3131, 0.3055



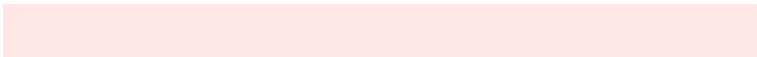
13.8253, 0.3100, 0.1481



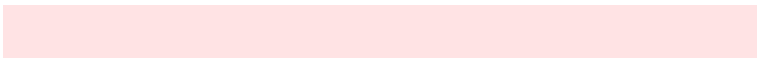
1.3582, 0.3113, 0.1489

Inverse Universe

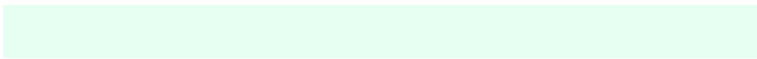
The Inverse Universe completely reimagines the original color for something new.



84.2557, 0.3286, 0.3280



81.7821, 0.3316, 0.3278



94.9085, 0.3055, 0.3422



17.9999, 0.3288, 0.3280



11.1271, 0.6357, 0.3275



1.0877, 0.6253, 0.3218

Previews

White Background



This preview shows how the Yxy color 85.4427, 0.3131, 0.3058 looks on a white background.

Color Contrast Check

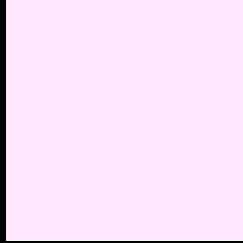
Large Text (above 18pt) WCAG AA × Fail

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 85.4427, 0.3131, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

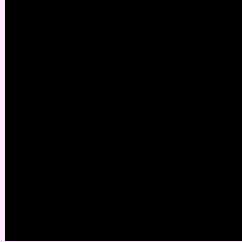
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

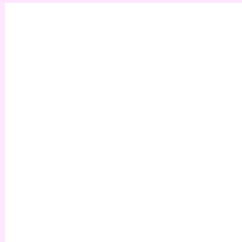
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.4427, 0.3131, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 85.4427, 0.3131, 0.3058.

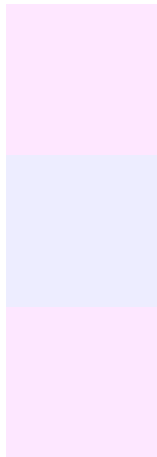


This preview shows how white text looks on a background with the Yxy color 85.4427, 0.3131, 0.3058.

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

85.4427, 0.3131, 0.3058

Protanopia

85.7929, 0.3018, 0.3110

Deuteranopia

85.2545, 0.3125, 0.3057



Tritanopia

85.4980, 0.3156, 0.3115

Trichromacy



Original Color

85.4427, 0.3131, 0.3058

Protanomaly

85.6913, 0.3057, 0.3092

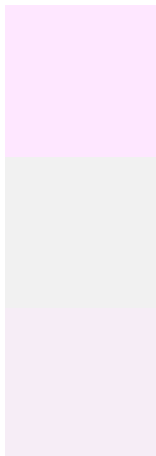
Deuteranomaly

85.2545, 0.3125, 0.3057

Tritanomaly

85.6241, 0.3143, 0.3096

Monochromacy



Original Color

85.4427, 0.3131, 0.3058

Achromatopsia

87.9622, 0.3127, 0.3290

Achromatomaly

86.8150, 0.3131, 0.3201

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.4427, 0.3131, 0.3058 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(254, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 231, 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(254, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 231, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.4427, 0.3131, 0.3058 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(254, 231, 255) }
```

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

```
.border{ border-color:rgb(254, 231, 255) }
```

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

Here you see how a box with a 4 pixel rgb(254, 231, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 231,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.4427, 0.3131, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 231, 255) }
```

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

```
.background{ background-color: rgb(254,  
231, 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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