

Converting Colors

Yxy(86.1650, 0.3044, 0.3127)

Have a look what the booklet for
Yxy(86.1650, 0.3044, 0.3127)
contains.

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Color

Yxy(86.1855, 0.3050, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	F0EDFD
RGB	240, 237, 253
RGB Percent	94%, 93%, 99%
CMY	0.0587, 0.0706, 0.0079
CMYK	0.05, 0.06, 0.00, 0.01
HSL	251°, 80%, 96%
HSV	251°, 6%, 99%
XYZ	83.9559, 86.1855, 105.1237
YIQ	239.7210, -3.3480, 5.6120

Conversions

Conversions Part 2

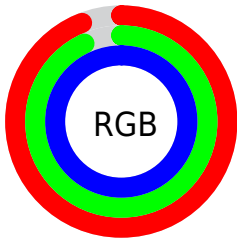
Format	Color
R _Y B	240, 237, 253
Decimal	15789565
CIE Lab	94.39, 3.92, -7.34
CIE LCh	94, 8.320, 298.077
Yxy	86.1855, 0.3050, 0.3131
Android (android.graphics.Color)	4293979645 (0xFFFF0EDFD)
YUV	239.7210, 6.5465, 0.2447
Hunter-Lab	92.8361, -1.0378, -2.1522

Details

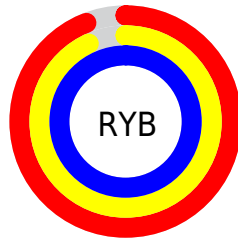
The Yxy color **86.1855, 0.3050, 0.3131** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96.6674, 0.3202, 0.3446**, and the grayscale version is **86.8634, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.2236, 0.3035, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **69.1731, 0.2913, 0.2855**, and if you desaturate by 10%, it is **99.8708, 0.3139, 0.3309**.

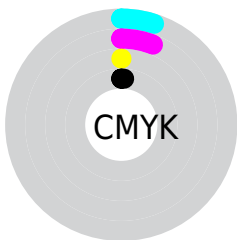
Distribution



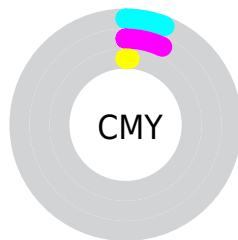
- Red (94%)
- Green (93%)
- Blue (99%)



- Red (94%)
- Yellow (93%)
- Blue (99%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)





- Cyan (6%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.1855, 0.3050, 0.3131 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 86.1855, 0.3050, 0.3131 by changing the saturation by 10% instead.


 86.1855, 0.3050,
0.3131

 86.1855, 0.3050,
0.3131

515.5427, 0.3085,
0.3202

 64.8214, 0.3042,
0.3115


142.0283, 0.3062,
0.3155

 47.3163, 0.3033,
0.3096


177.2758, 0.3067,
0.3165

 33.2857, 0.3021,
0.3073


217.9199, 0.3071,
0.3173

 22.3454, 0.3006,
0.3043

264.3449, 0.3074,
0.3180

 14.1109, 0.2985,
0.3003

316.9353, 0.3077,
0.3186

 8.1979, 0.2957,
0.2948

376.0755, 0.3080,

 4.2218, 0.2914,

0.3192

0.2868

442.1498, 0.3083,
0.3197

■ 1.7984, 0.2843,
0.2738

■ 0.4862, 0.2670,
0.2328

■ 86.1855, 0.3050,
0.3131

■ 86.1855, 0.3050,
0.3131

■ 69.1731, 0.2913,
0.2855

99.8708, 0.3139,
0.3309

■ 54.5289, 0.2757,
0.2550

■ 42.1502, 0.2584,
0.2223

■ 31.9229, 0.2397,
0.1884

■ 23.7223, 0.2204,
0.1548

■ 17.4112, 0.2017,
0.1239

■ 12.8348, 0.1847,
0.0978

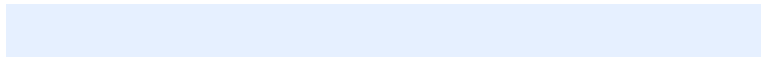
■ 9.8131, 0.1707,
0.0786

■ 8.1243, 0.1606,
0.0671

Harmonies

Analogous

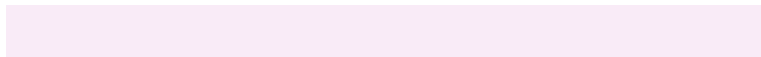
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



86.1855, 0.2977, 0.3138



86.1855, 0.3050, 0.3131



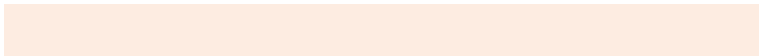
86.1855, 0.3144, 0.3165

Triad

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



86.1855, 0.3050, 0.3131



86.1855, 0.3313, 0.3391



86.1855, 0.3020, 0.3349

Complementary

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



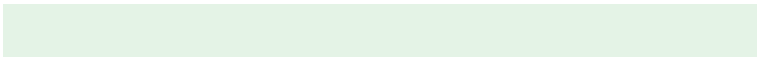
86.1855, 0.3050, 0.3131



96.6674, 0.3202, 0.3446

Split Complementary

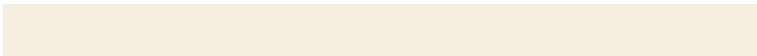
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1855, 0.3108, 0.3420



86.1855, 0.3050, 0.3131



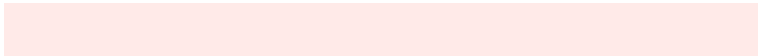
86.1855, 0.3278, 0.3443

Square

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



86.1855, 0.3050, 0.3131



86.1855, 0.3297, 0.3313



86.1855, 0.3203, 0.3454



86.1855, 0.2960, 0.3263

Rectangle

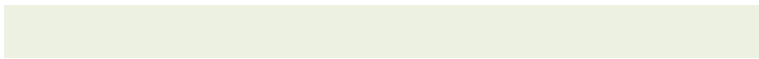
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



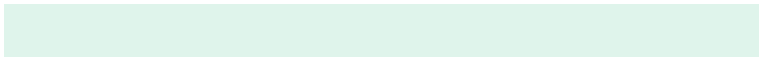
86.1855, 0.3050, 0.3131



86.1855, 0.3207, 0.3206



86.1855, 0.3203, 0.3454



86.1855, 0.3047, 0.3376

Sweetspot

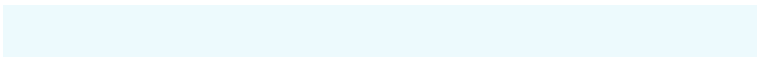
The Sweet Spot groups the original color and five complimentary colors.



86.1892, 0.3050, 0.3131



96.0142, 0.3104, 0.3241



93.4985, 0.3029, 0.3261



20.5928, 0.3105, 0.3243



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.



86.1892, 0.3050, 0.3131



84.6685, 0.3028, 0.3087



87.5992, 0.3101, 0.3134



17.5440, 0.3008, 0.3046



4.1547, 0.1589, 0.0649



0.4464, 0.1685, 0.0702

Inverse Universe

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



88.3444, 0.3153, 0.3164



87.4204, 0.3161, 0.3130



95.2419, 0.3151, 0.3448



18.2376, 0.3167, 0.3100



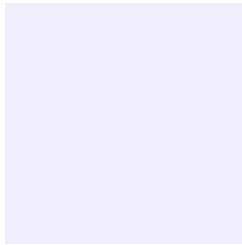
13.4707, 0.3759, 0.1845



1.3262, 0.3685, 0.1804

Previews

White Background



This preview shows how the Yxy color 86.1855, 0.3050, 0.3131 looks on a white background.

Color Contrast Check

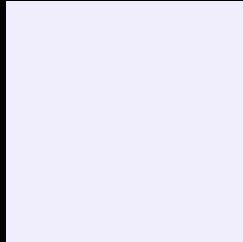
Large Text (above 18pt) WCAG AA × Fail

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 86.1855, 0.3050, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

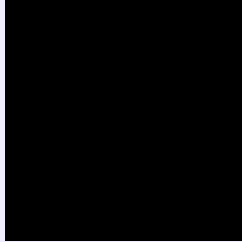
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.1855, 0.3050, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 86.1855, 0.3050, 0.3131.

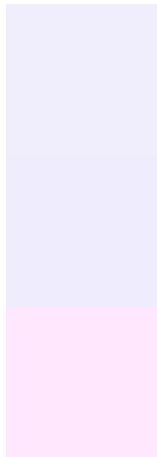


This preview shows how white text looks on a background with the Yxy color 86.1855, 0.3050, 0.3131.

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

86.1855, 0.3050, 0.3131

Protanopia

86.0109, 0.3043, 0.3131

Deuteranopia

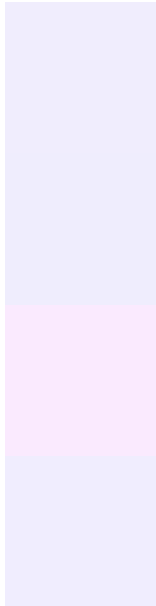
86.1290, 0.3144, 0.3077



Tritanopia

86.3136, 0.3038, 0.3111

Trichromacy



Original Color

86.1855, 0.3050, 0.3131

Protanomaly

86.0109, 0.3043, 0.3131

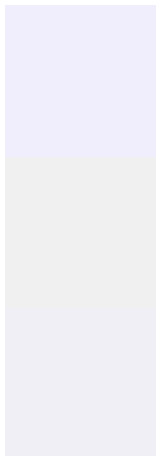
Deuteranomaly

86.3254, 0.3110, 0.3095

Tritanomaly

86.2494, 0.3044, 0.3121

Monochromacy



Original Color

86.1855, 0.3050, 0.3131

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.8508, 0.3097, 0.3230

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1855, 0.3050, 0.3131 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(240, 237, 253)` looks like.

```
.text, #text, p{  
    color:rgb(240, 237, 253)  
}
```

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(240, 237, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 237, 253) }
```

Border

The CSS property to change the border of an element to Yxy 86.1855, 0.3050, 0.3131 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(240, 237, 253) }
```

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

```
.border{ border-color:rgb(240, 237, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 237, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 237, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 237, 253);  
box-shadow:4px 4px 4px 4px rgb(240, 237,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1855, 0.3050, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 237, 253) }
```

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

```
.background{ background-color: rgb(240,  
237, 253) }
```

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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