

Converting Colors

$Yxy(86.1884, 0.3067, 0.3132)$

Have a look what the booklet for
Yxy(86.1884, 0.3067, 0.3132)
contains.

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Color

Yxy(85.8964, 0.3069, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	F2ECFC
RGB	242, 236, 252
RGB Percent	95%, 93%, 99%
CMY	0.0508, 0.0745, 0.0117
CMYK	0.04, 0.06, 0.00, 0.01
HSL	263°, 73%, 96%
HSV	263°, 6%, 99%
XYZ	84.1955, 85.8964, 104.2499
YIQ	239.6180, -1.5600, 6.2480

Conversions

Conversions Part 2

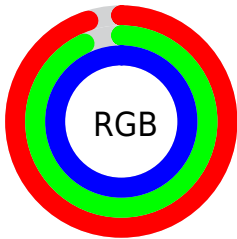
Format	Color
R _Y B	242, 236, 252
Decimal	15920380
CIE Lab	94.27, 4.90, -7.00
CIE LCh	94, 8.551, 304.999
Yxy	85.8964, 0.3069, 0.3131
Android (android.graphics.Color)	4294110460 (0xFF F2 EC FC)
YUV	239.6180, 6.1043, 2.0890
Hunter-Lab	92.6803, -0.0321, -1.8151

Details

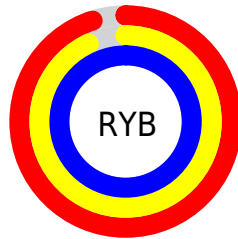
The Yxy color **85.8964, 0.3069, 0.3131** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **95.2741, 0.3183, 0.3448**, and the grayscale version is **86.7824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.0218, 0.3060, 0.3100** is the 20% darker color. If you saturate the color by 10%, you get **69.7390, 0.2965, 0.2861**, and if you desaturate by 10%, it is **99.8093, 0.3144, 0.3318**.

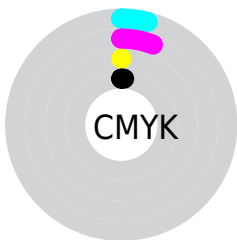
Distribution



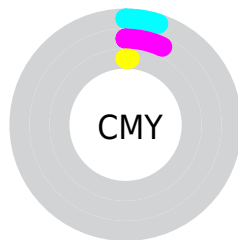
- Red (95%)
- Green (93%)
- Blue (99%)



- Red (95%)
- Yellow (93%)
- Blue (99%)



- Cyan (4%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)





- Cyan (5%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.8964, 0.3069, 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 85.8964, 0.3069, 0.3131 by changing the saturation by 10% instead.


 85.8964, 0.3069,
0.3131

 85.8964, 0.3069,
0.3131


514.5895, 0.3095,
0.3202

 64.5823, 0.3063,
0.3115

141.6249, 0.3078,
0.3155

 47.1225, 0.3056,
0.3097

176.8081, 0.3082,
0.3165

 33.1325, 0.3047,
0.3073


217.3831, 0.3085,
0.3173

 22.2280, 0.3035,
0.3043

263.7344, 0.3087,
0.3180

 14.0245, 0.3019,
0.3003

316.2463, 0.3090,
0.3186

 8.1377, 0.2997,
0.2949

375.3032, 0.3092,

 4.1832, 0.2964,

0.3192

0.2869

441.2895, 0.3094,
0.3197

■ 1.7766, 0.2908,
0.2739

■ 0.4725, 0.2780,
0.2309

■ 85.8964, 0.3069,
0.3131

■ 85.8964, 0.3069,
0.3131

■ 69.7390, 0.2965,
0.2861

99.8093, 0.3144,
0.3318

■ 55.7724, 0.2846,
0.2568

■ 43.9029, 0.2711,
0.2258

■ 34.0254, 0.2563,
0.1942

■ 26.0258, 0.2406,
0.1632

■ 19.7777, 0.2245,
0.1346

■ 15.1388, 0.2090,
0.1102

■ 11.9430, 0.1949,
0.0916

■ 9.9846, 0.1829,
0.0794

Harmonies

Analogous

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



85.8964, 0.2987, 0.3128



85.8964, 0.3069, 0.3131



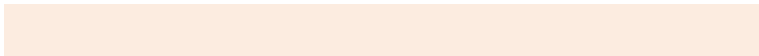
85.8964, 0.3168, 0.3175

Triad

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



85.8964, 0.3069, 0.3131



85.8964, 0.3315, 0.3409



85.8964, 0.2999, 0.3331

Complementary

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



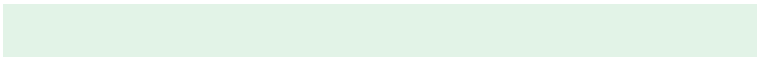
85.8964, 0.3069, 0.3131



95.2741, 0.3183, 0.3448

Split Complementary

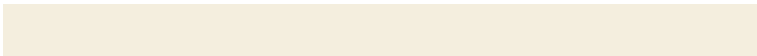
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



85.8964, 0.3085, 0.3410



85.8964, 0.3069, 0.3131



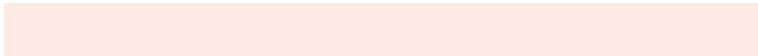
85.8964, 0.3268, 0.3454

Square

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



85.8964, 0.3069, 0.3131



85.8964, 0.3311, 0.3334



85.8964, 0.3183, 0.3455



85.8964, 0.2947, 0.3242

Rectangle

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



85.8964, 0.3069, 0.3131



85.8964, 0.3229, 0.3221



85.8964, 0.3183, 0.3455



85.8964, 0.3025, 0.3360

Sweetspot

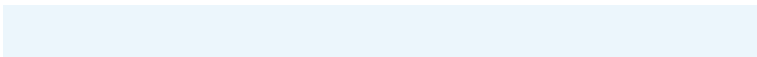
The Sweet Spot groups the original color and five complimentary colors.



85.9001, 0.3069, 0.3131



96.1918, 0.3109, 0.3241



90.8582, 0.3029, 0.3231



20.6289, 0.3110, 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.



85.9001, 0.3069, 0.3131



85.3379, 0.3053, 0.3088



87.3177, 0.3120, 0.3134



16.9621, 0.3038, 0.3049



5.0086, 0.1808, 0.0769



0.5224, 0.1939, 0.0842

Inverse Universe

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



87.3370, 0.3172, 0.3193



87.1819, 0.3185, 0.3167



93.8863, 0.3133, 0.3450



17.4070, 0.3196, 0.3143



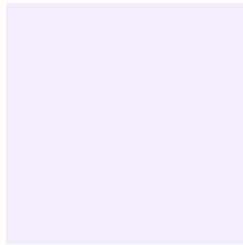
12.0765, 0.4450, 0.2225



1.1391, 0.4262, 0.2121

Previews

White Background



This preview shows how the Yxy color 85.8964, 0.3069, 0.3131 looks on a white background.

Color Contrast Check

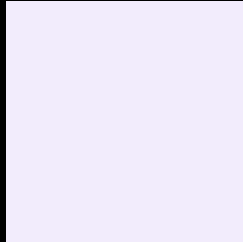
Large Text (above 18pt) WCAG AA × Fail

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 85.8964, 0.3069, 0.3131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

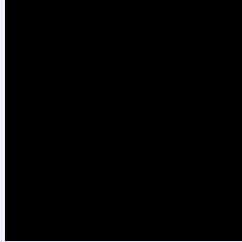
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

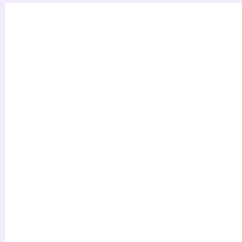
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 85.8964, 0.3069, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 85.8964, 0.3069, 0.3131.



This preview shows how white text looks on a background with the Yxy color 85.8964, 0.3069, 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

85.8964, 0.3069, 0.3131

Protanopia

86.0109, 0.3043, 0.3131

Deuteranopia

86.0651, 0.3150, 0.3087



Tritanopia

86.0239, 0.3057, 0.3112

Trichromacy



Original Color

85.8964, 0.3069, 0.3131

Protanomaly

86.1855, 0.3050, 0.3131

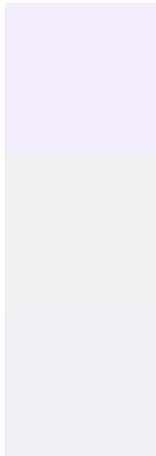
Deuteranomaly

85.6937, 0.3116, 0.3095

Tritanomaly

85.9600, 0.3063, 0.3122

Monochromacy



Original Color

85.8964, 0.3069, 0.3131

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

86.9654, 0.3110, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.8964, 0.3069, 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(242, 236, 252)` looks like.

```
.text, #text, p{  
    color:rgb(242, 236, 252)  
}
```

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(242, 236, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 236, 252) }
```

Border

The CSS property to change the border of an element to Yxy 85.8964, 0.3069, 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(242, 236, 252) }
```

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

```
.border{ border-color:rgb(242, 236, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 236, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 236, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 236, 252);  
box-shadow:4px 4px 4px 4px rgb(242, 236,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 85.8964, 0.3069, 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(242, 236, 252) }
```

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

```
.background{ background-color: rgb(242,  
236, 252) }
```

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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