

Converting Colors

$Y_{xy}(88.7229, 0.3082, 0.3134)$

Have a look what the booklet for
Yxy(88.7229, 0.3082, 0.3134)
contains.

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Color

Yxy(88.7272, 0.3082, 0.3134)

Conversions

Conversions Part 1

Format	Color
Hex	F7EFFF
RGB	247, 239, 255
RGB Percent	97%, 94%, 100%
CMY	0.0316, 0.0626, 0.0000
CMYK	0.03, 0.06, 0.00, 0.00
HSL	270°, 100%, 97%
HSV	270°, 6%, 100%
XYZ	87.2550, 88.7272, 107.1295
YIQ	243.2160, -0.3680, 6.6720

Conversions

Conversions Part 2

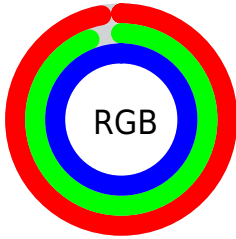
Format	Color
R _Y B	247, 239, 255
Decimal	16248831
CIE Lab	95.47, 5.49, -6.74
CIE LCh	95, 8.689, 309.161
Yxy	88.7272, 0.3082, 0.3134
Android (android.graphics.Color)	4294438911 (0xFF7EFFF)
YUV	243.2160, 5.8095, 3.3186
Hunter-Lab	94.1951, 0.5070, -1.4948

Details

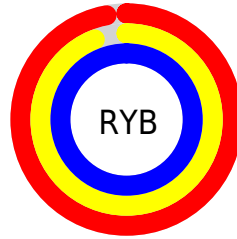
The Yxy color 88.7272, 0.3082, 0.3134 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.5414, 0.3170, 0.3446, and the grayscale version is 89.7572, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 49.0206, 0.3078, 0.3103 is the 20% darker color. If you saturate the color by 10%, you get 72.5761, 0.3000, 0.2867, and if you desaturate by 10%, it is 99.9997, 0.3127, 0.3290.

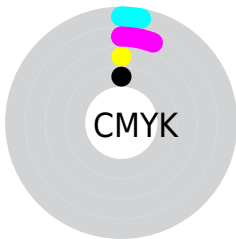
Distribution



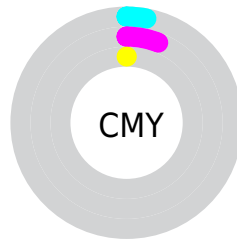
- Red (97%)
- Green (94%)
- Blue (100%)



- Red (97%)
- Yellow (94%)
- Blue (100%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)




- Cyan (3%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.7272, 0.3082, 0.3134 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 88.7272, 0.3082, 0.3134 by changing the saturation by 10% instead.


 88.7272, 0.3082,
0.3134

 88.7272, 0.3082,
0.3134


523.8817, 0.3102,
0.3203

 66.9255, 0.3077,
0.3119


145.5691, 0.3089,
0.3157

 49.0241, 0.3072,
0.3101

181.3782, 0.3092,
0.3167

 34.6386, 0.3065,
0.3078


222.6251, 0.3094,
0.3175

 23.3846, 0.3056,
0.3049

269.6943, 0.3096,
0.3182

 14.8777, 0.3044,
0.3011

322.9701, 0.3098,
0.3188

 8.7336, 0.3027,
0.2960

382.8371, 0.3100,

 4.5679, 0.3002,

0.3194

0.2884

449.6795, 0.3101,
0.3199

■ 1.9960, 0.2959,
0.2764

■ 0.6052, 0.2890,
0.2466

■ 88.7272, 0.3082,
0.3134

■ 88.7272, 0.3082,
0.3134

■ 72.5761, 0.3000,
0.2867

99.9997, 0.3127,
0.3290

■ 58.5984, 0.2904,
0.2582

■ 46.7004, 0.2796,
0.2284

■ 36.7777, 0.2675,
0.1983

■ 28.7159, 0.2545,
0.1691

■ 22.3888, 0.2410,
0.1424

■ 17.6539, 0.2276,
0.1197

■ 14.3446, 0.2149,
0.1023

■ 12.2542, 0.2034,
0.0906

Harmonies

Analogous

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



88.7272, 0.2996, 0.3125



88.7272, 0.3082, 0.3134



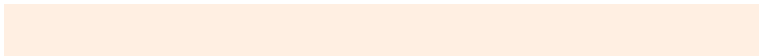
88.7272, 0.3181, 0.3183

Triad

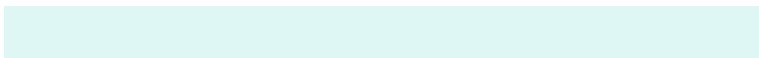
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7272, 0.3082, 0.3134



88.7272, 0.3312, 0.3418



88.7272, 0.2989, 0.3319

Complementary

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



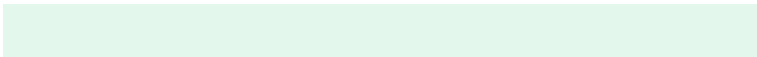
88.7272, 0.3082, 0.3134



97.5414, 0.3170, 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.



88.7272, 0.3071, 0.3401



88.7272, 0.3082, 0.3134



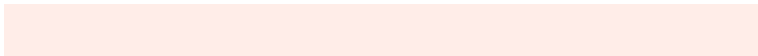
88.7272, 0.3259, 0.3458

Square

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



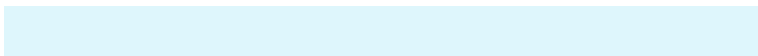
88.7272, 0.3082, 0.3134



88.7272, 0.3315, 0.3345



88.7272, 0.3170, 0.3452



88.7272, 0.2943, 0.3230

Rectangle

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



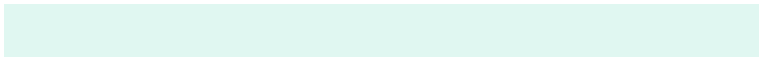
88.7272, 0.3082, 0.3134



88.7272, 0.3242, 0.3232



88.7272, 0.3170, 0.3452



88.7272, 0.3013, 0.3348

Sweetspot

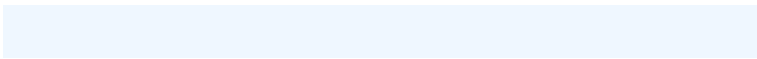
The Sweet Spot groups the original color and five complimentary colors.



88.7310, 0.3082, 0.3134



96.3038, 0.3113, 0.3241



92.2669, 0.3030, 0.3214



20.6517, 0.3114, 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.



88.7310, 0.3082, 0.3134



85.7660, 0.3069, 0.3089



90.1779, 0.3133, 0.3137



17.8192, 0.3057, 0.3050



6.1875, 0.2011, 0.0882



0.6673, 0.2134, 0.0949

Inverse Universe

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



89.7298, 0.3183, 0.3212



87.0345, 0.3200, 0.3190



96.1525, 0.3121, 0.3448



18.1402, 0.3215, 0.3171



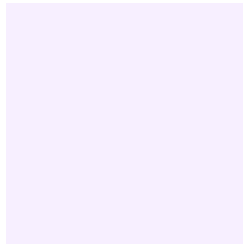
11.9642, 0.4943, 0.2497



1.1870, 0.4691, 0.2358

Previews

White Background



This preview shows how the Yxy color 88.7272, 0.3082, 0.3134 looks on a white background.

Color Contrast Check

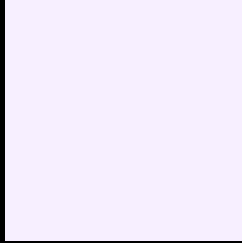
Large Text (above 18pt) WCAG AA × Fail

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 88.7272, 0.3082, 0.3134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

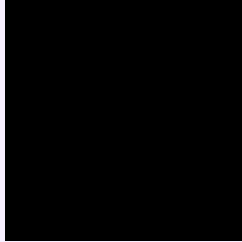
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

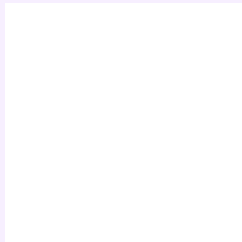
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.7272, 0.3082, 0.3134

Background



This preview shows how black text looks on a background with the Yxy color 88.7272, 0.3082, 0.3134.

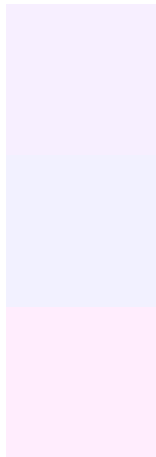


This preview shows how white text looks on a background with the Yxy color 88.7272, 0.3082, 0.3134.

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

88.7272, 0.3082, 0.3134

Protanopia

89.0078, 0.3050, 0.3152

Deuteranopia

88.9202, 0.3148, 0.3136



Tritanopia

88.5458, 0.3076, 0.3133

Trichromacy



Original Color

88.7272, 0.3082, 0.3134

Protanomaly

88.7733, 0.3063, 0.3143

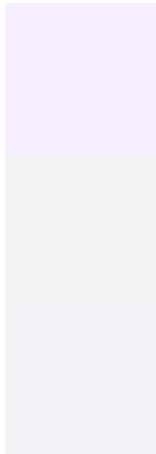
Deuteranomaly

89.0003, 0.3121, 0.3135

Tritanomaly

88.5458, 0.3076, 0.3133

Monochromacy



Original Color

88.7272, 0.3082, 0.3134

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

89.4528, 0.3110, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.7272, 0.3082, 0.3134 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(247, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 239, 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(247, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 239, 255) }
```

Border

The CSS property to change the border of an element to Yxy 88.7272, 0.3082, 0.3134 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(247, 239, 255) }
```

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

```
.border{ border-color:rgb(247, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 239,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 88.7272, 0.3082, 0.3134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 239, 255) }
```

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

```
.background{ background-color: rgb(247,  
239, 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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