

Converting Colors

$Yxy(89.7842, 0.3072, 0.3174)$

Have a look what the booklet for
Yxy(89.7842, 0.3072, 0.3174)
contains.

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Color

Yxy(89.8931, 0.3068, 0.3172)

Conversions

Conversions Part 1

Format	Color
Hex	F4F2FE
RGB	244, 242, 254
RGB Percent	96%, 95%, 100%
CMY	0.0432, 0.0509, 0.0038
CMYK	0.04, 0.05, 0.00, 0.00
HSL	250°, 86%, 97%
HSV	250°, 5%, 100%
XYZ	86.9458, 89.8931, 106.5568
YIQ	243.9660, -2.6600, 4.1560

Conversions

Conversions Part 2

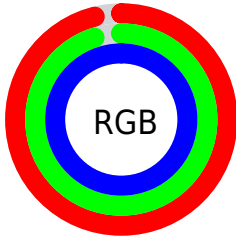
Format	Color
R_{YB}	244, 242, 254
Decimal	16052990
CIE _{Lab}	95.95, 2.82, -5.54
CIE _{LCh}	96, 6.219, 296.936
Yxy	89.8931, 0.3068, 0.3172
Android (android.graphics.Color)	4294243070 (0xFFFF4F2FE)
YUV	243.9660, 4.9468, 0.0298
Hunter-Lab	94.8120, -2.2304, -0.2661

Details

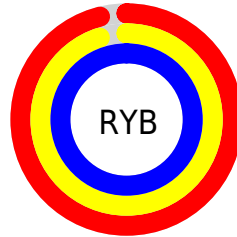
The Yxy color **89.8931, 0.3068, 0.3172** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98.0208, 0.3185, 0.3406**, and the grayscale version is **90.4003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.8404, 0.3060, 0.3152** is the 20% darker color. If you saturate the color by 10%, you get **72.2249, 0.2929, 0.2900**, and if you desaturate by 10%, it is **99.9376, 0.3133, 0.3299**.

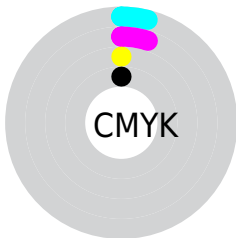
Distribution



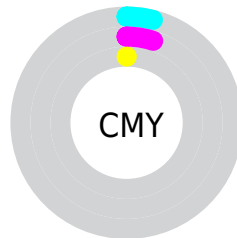
- Red (96%)
- Green (95%)
- Blue (100%)



- Red (96%)
- Yellow (95%)
- Blue (100%)



- Cyan (4%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.8931, 0.3068, 0.3172 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 89.8931, 0.3068, 0.3172 by changing the saturation by 10% instead.


 89.8931, 0.3068,
0.3172

 89.8931, 0.3068,
0.3172

527.6830, 0.3094,
0.3224

 67.8920, 0.3062,
0.3161


147.1899, 0.3077,
0.3190

 49.8099, 0.3055,
0.3147


183.2544, 0.3081,
0.3197

 35.2623, 0.3046,
0.3129


224.7754, 0.3084,
0.3203

 23.8650, 0.3035,
0.3107

272.1374, 0.3086,
0.3208

 15.2335, 0.3020,
0.3079

325.7248, 0.3089,
0.3213

 8.9834, 0.2999,
0.3039

385.9219, 0.3091,

 4.7304, 0.2968,

0.3217

0.2981

453.1132, 0.3093,
0.3221

■ 2.0900, 0.2918,
0.2889

■ 0.6590, 0.2819,
0.2672

■ 89.8931, 0.3068,
0.3172

■ 89.8931, 0.3068,
0.3172

■ 72.2249, 0.2929,
0.2900

99.9376, 0.3133,
0.3299

■ 56.9907, 0.2771,
0.2598

■ 44.0865, 0.2595,
0.2271

■ 33.3968, 0.2405,
0.1930

■ 24.7958, 0.2209,
0.1589

■ 18.1449, 0.2017,
0.1272

■ 13.2888, 0.1843,
0.1000

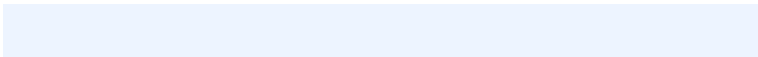
■ 10.0478, 0.1700,
0.0797

■ 8.2034, 0.1597,
0.0672

Harmonies

Analogous

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



89.8931, 0.3015, 0.3179



89.8931, 0.3068, 0.3172



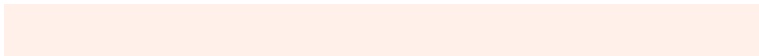
89.8931, 0.3137, 0.3196

Triad

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



89.8931, 0.3068, 0.3172



89.8931, 0.3264, 0.3363



89.8931, 0.3050, 0.3336

Complementary

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



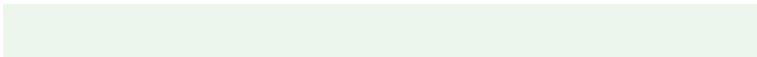
89.8931, 0.3068, 0.3172



98.0208, 0.3185, 0.3406

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.



89.8931, 0.3116, 0.3387



89.8931, 0.3068, 0.3172



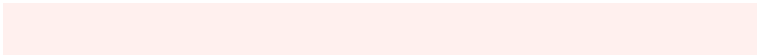
89.8931, 0.3240, 0.3402

Square

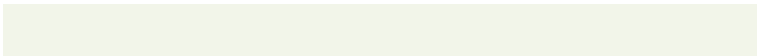
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.8931, 0.3068, 0.3172



89.8931, 0.3251, 0.3305



89.8931, 0.3186, 0.3411



89.8931, 0.3005, 0.3273

Rectangle

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



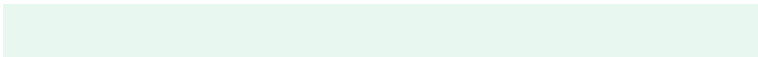
89.8931, 0.3068, 0.3172



89.8931, 0.3183, 0.3226



89.8931, 0.3186, 0.3411



89.8931, 0.3071, 0.3355

Sweetspot

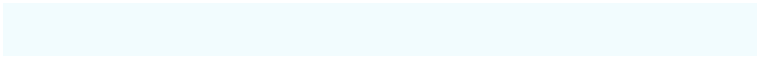
The Sweet Spot groups the original color and five complimentary colors.



89.8969, 0.3068, 0.3172



97.9814, 0.3115, 0.3266



95.7994, 0.3054, 0.3272



20.9933, 0.3116, 0.3267



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.



89.8969, 0.3068, 0.3172



88.2760, 0.3051, 0.3139



90.9598, 0.3105, 0.3173



18.6335, 0.3043, 0.3122



4.0674, 0.1569, 0.0638



0.4345, 0.1658, 0.0687

Inverse Universe

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



91.6197, 0.3144, 0.3193



90.4638, 0.3149, 0.3167



96.9451, 0.3148, 0.3407



19.1507, 0.3152, 0.3153



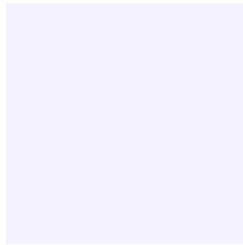
13.6478, 0.3672, 0.1796



1.3418, 0.3610, 0.1762

Previews

White Background



This preview shows how the Yxy color 89.8931, 0.3068, 0.3172 looks on a white background.

Color Contrast Check

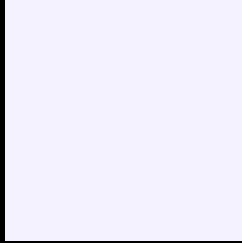
Large Text (above 18pt) WCAG AA × Fail

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 89.8931, 0.3068, 0.3172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

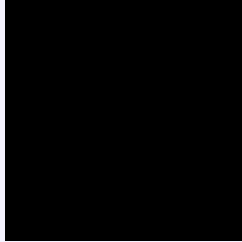
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.8931, 0.3068, 0.3172

Background



This preview shows how black text looks on a background with the Yxy color 89.8931, 0.3068, 0.3172.

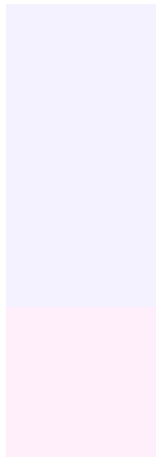


This preview shows how white text looks on a background with the Yxy color 89.8931, 0.3068, 0.3172.

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

89.8931, 0.3068, 0.3172

Protanopia

89.8931, 0.3068, 0.3172

Deuteranopia

89.9580, 0.3159, 0.3174



Tritanopia

89.9574, 0.3062, 0.3163

Trichromacy



Original Color

89.8931, 0.3068, 0.3172

Protanomaly

89.8931, 0.3068, 0.3172

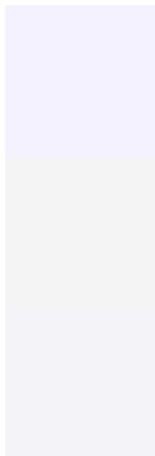
Deuteranomaly

89.8577, 0.3126, 0.3174

Tritanomaly

89.9574, 0.3062, 0.3163

Monochromacy



Original Color

89.8931, 0.3068, 0.3172

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

90.1116, 0.3104, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.8931, 0.3068, 0.3172 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(244, 242, 254)` looks like.

```
.text, #text, p{  
    color:rgb(244, 242, 254)  
}
```

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(244, 242, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 242, 254) }
```

Border

The CSS property to change the border of an element to Yxy 89.8931, 0.3068, 0.3172 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(244, 242, 254) }
```

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

```
.border{ border-color:rgb(244, 242, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 242, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 242, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 242, 254); box-shadow:4px 4px 4px 4px rgb(244, 242, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 89.8931, 0.3068, 0.3172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 242, 254) }
```

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

```
.background{ background-color: rgb(244,  
242, 254) }
```

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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