

Converting Colors

$Y_{xy}(92.4403, 0.3107, 0.3197)$

Have a look what the booklet for
Yxy(92.4403, 0.3107, 0.3197)
contains.

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Color

Yxy(92.1811, 0.3106, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	FAF4FE
RGB	250, 244, 254
RGB Percent	98%, 96%, 100%
CMY	0.0196, 0.0431, 0.0038
CMYK	0.02, 0.04, 0.00, 0.00
HSL	276°, 84%, 98%
HSV	276°, 4%, 100%
XYZ	89.6694, 92.1811, 106.8469
YIQ	246.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

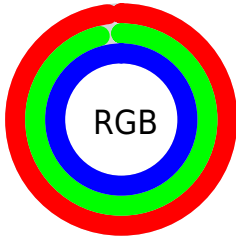
Format	Color
R _Y B	250, 244, 254
Decimal	16446718
CIE Lab	96.89, 3.77, -4.10
CIE LCh	97, 5.572, 312.623
Yxy	92.1811, 0.3106, 0.3193
Android (android.graphics.Color)	4294636798 (0xFFFAF4FE)
YUV	246.9340, 3.4835, 2.6889
Hunter-Lab	96.0110, -1.3092, 1.2261

Details

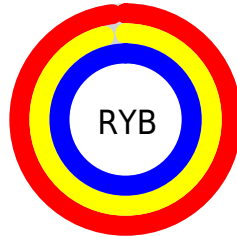
The Yxy color 92.1811, 0.3106, 0.3193 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.3850, 0.3148, 0.3387, and the grayscale version is 92.9309, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.4670, 0.3108, 0.3179 is the 20% darker color. If you saturate the color by 10%, you get 76.1106, 0.3045, 0.2934, and if you desaturate by 10%, it is 99.9370, 0.3133, 0.3299.

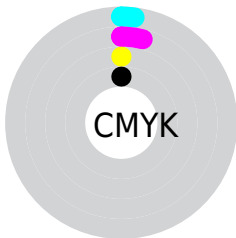
Distribution



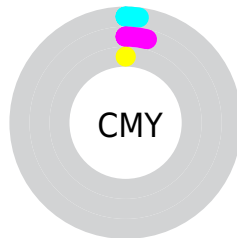
- Red (98%)
- Green (96%)
- Blue (100%)



- Red (98%)
- Yellow (96%)
- Blue (100%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (2%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1811, 0.3106, 0.3193 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 92.1811, 0.3106, 0.3193 by changing the saturation by 10% instead.


 92.1811, 0.3106,
0.3193

 92.1811, 0.3106,
0.3193


535.1006, 0.3116,
0.3236

 69.7911, 0.3104,
0.3184


150.3644, 0.3109,
0.3207

 51.3562, 0.3101,
0.3172


186.9264, 0.3111,
0.3213

 36.4922, 0.3098,
0.3158


228.9812, 0.3112,
0.3218

 24.8146, 0.3094,
0.3141

276.9131, 0.3113,
0.3223

 15.9389, 0.3088,
0.3117

331.1067, 0.3113,
0.3226

 9.4810, 0.3081,
0.3086

391.9462, 0.3114,

 5.0562, 0.3069,

0.3230

0.3040

459.8160, 0.3115,
0.3233

■ 2.2803, 0.3051,
0.2967

■ 0.7632, 0.3020,
0.2820

■ 92.1811, 0.3106,
0.3193

■ 92.1811, 0.3106,
0.3193

■ 76.1106, 0.3045,
0.2934

99.9370, 0.3133,
0.3299

■ 62.1566, 0.2974,
0.2658

■ 50.2300, 0.2892,
0.2373

■ 40.2307, 0.2800,
0.2085

■ 32.0497, 0.2699,
0.1807

■ 25.5669, 0.2591,
0.1552

■ 20.6474, 0.2482,
0.1334

■ 17.1347, 0.2374,
0.1163

■ 14.8381, 0.2272,
0.1044

Harmonies

Analogous

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



92.1811, 0.3049, 0.3184



92.1811, 0.3106, 0.3193



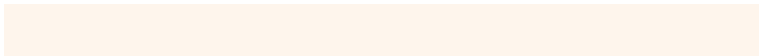
92.1811, 0.3169, 0.3227

Triad

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



92.1811, 0.3106, 0.3193



92.1811, 0.3242, 0.3376



92.1811, 0.3035, 0.3302

Complementary

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



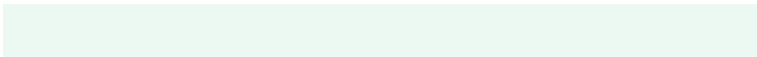
92.1811, 0.3106, 0.3193



97.3850, 0.3148, 0.3387

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.



92.1811, 0.3085, 0.3355



92.1811, 0.3106, 0.3193



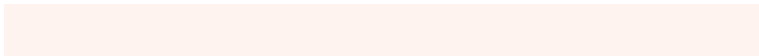
92.1811, 0.3205, 0.3397

Square

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



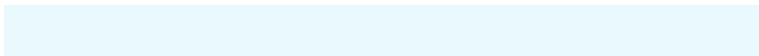
92.1811, 0.3106, 0.3193



92.1811, 0.3247, 0.3332



92.1811, 0.3148, 0.3390



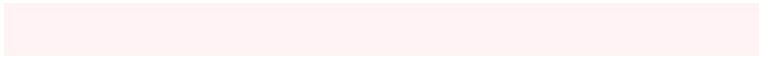
92.1811, 0.3009, 0.3247

Rectangle

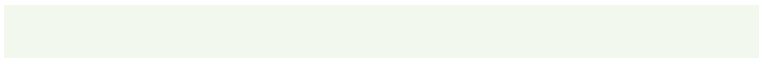
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.1811, 0.3106, 0.3193



92.1811, 0.3206, 0.3259



92.1811, 0.3148, 0.3390



92.1811, 0.3049, 0.3321

Sweetspot

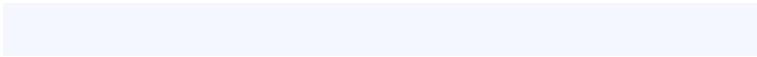
The Sweet Spot groups the original color and five complimentary colors.



92.1851, 0.3106, 0.3193



98.1909, 0.3122, 0.3266



93.5299, 0.3067, 0.3231



21.0360, 0.3122, 0.3267



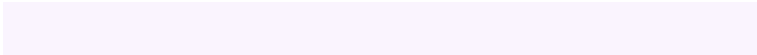
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1851, 0.3106, 0.3193



91.1789, 0.3100, 0.3167



92.8691, 0.3138, 0.3203



19.2603, 0.3096, 0.3149



7.4016, 0.2230, 0.1002



0.7843, 0.2339, 0.1062

Inverse Universe

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



92.5539, 0.3168, 0.3251



91.6502, 0.3179, 0.3241



96.7215, 0.3117, 0.3378



19.3752, 0.3187, 0.3234



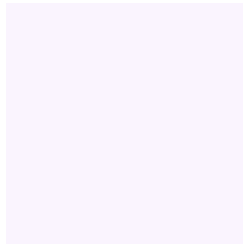
11.6374, 0.5384, 0.2740



1.1540, 0.5083, 0.2574

Previews

White Background



This preview shows how the Yxy color 92.1811, 0.3106, 0.3193 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 92.1811, 0.3106, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

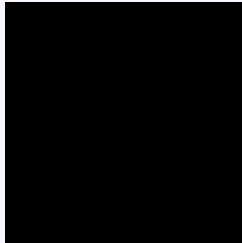
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

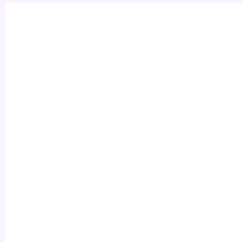
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1811, 0.3106, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 92.1811, 0.3106, 0.3193.

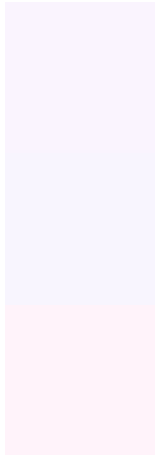


This preview shows how white text looks on a background with the Yxy color 92.1811, 0.3106, 0.3193.

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

92.1811, 0.3106, 0.3193

Protanopia

92.4170, 0.3093, 0.3203

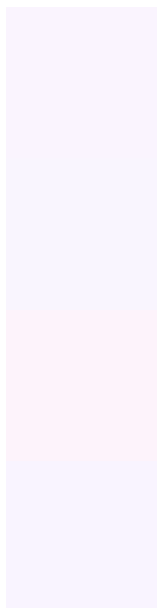
Deuteranopia

92.2633, 0.3163, 0.3223

Tritanopia

92.0611, 0.3094, 0.3183

Trichromacy



Original Color

92.1811, 0.3106, 0.3193

Protanomaly

92.6003, 0.3099, 0.3203

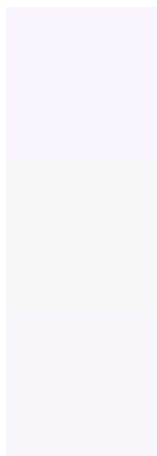
Deuteranomaly

91.9489, 0.3144, 0.3213

Tritanomaly

92.0611, 0.3094, 0.3183

Monochromacy



Original Color

92.1811, 0.3106, 0.3193

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.7701, 0.3116, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1811, 0.3106, 0.3193 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(250, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(250, 244, 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(250, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 244, 254) }
```

Border

The CSS property to change the border of an element to Yxy 92.1811, 0.3106, 0.3193 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(250, 244, 254) }
```

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

```
.border{ border-color:rgb(250, 244, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(250, 244,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1811, 0.3106, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 244, 254) }
```

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

```
.background{ background-color: rgb(250,  
244, 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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