

Converting Colors

$Yxy(92.4403, 0.3113, 0.3192)$

Have a look what the booklet for
Yxy(92.4403, 0.3113, 0.3192)
contains.

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Color

Yxy(92.3664, 0.3112, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	FBF4FE
RGB	251, 244, 254
RGB Percent	98%, 96%, 100%
CMY	0.0158, 0.0431, 0.0037
CMYK	0.01, 0.04, 0.00, 0.00
HSL	282°, 84%, 98%
HSV	282°, 4%, 100%
XYZ	90.0232, 92.3664, 106.8881
YIQ	247.2330, 0.9620, 4.5940

Conversions

Conversions Part 2

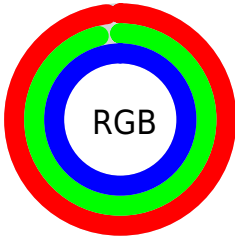
Format	Color
R _Y B	251, 244, 254
Decimal	16512254
CIE Lab	96.97, 4.09, -4.00
CIE LCh	97, 5.719, 315.682
Yxy	92.3664, 0.3112, 0.3193
Android (android.graphics.Color)	4294702334 (0xFFFBF4FE)
YUV	247.2330, 3.3361, 3.3037
Hunter-Lab	96.1074, -0.9882, 1.3344

Details

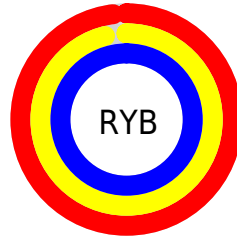
The Yxy color 92.3664, 0.3112, 0.3193 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.2343, 0.3142, 0.3388, and the grayscale version is 93.1853, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.5998, 0.3116, 0.3180 is the 20% darker color. If you saturate the color by 10%, you get 76.7074, 0.3068, 0.2936, and if you desaturate by 10%, it is 99.9388, 0.3133, 0.3299.

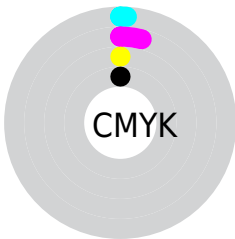
Distribution



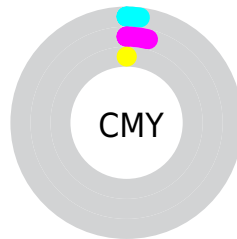
- Red (98%)
- Green (96%)
- Blue (100%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.3664, 0.3112, 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 92.3664, 0.3112, 0.3193 by changing the saturation by 10% instead.

 92.3664, 0.3112,
0.3193

 92.3664, 0.3112,
0.3193


535.6990, 0.3119,
0.3236

 69.9450, 0.3110,
0.3184

150.6211, 0.3114,
0.3207

 51.4817, 0.3109,
0.3172


187.2232, 0.3115,
0.3213

 36.5921, 0.3106,
0.3158

229.3210, 0.3116,
0.3218

 24.8918, 0.3103,
0.3141

277.2988, 0.3117,
0.3223

 15.9965, 0.3099,
0.3118

331.5412, 0.3117,
0.3226

 9.5217, 0.3094,
0.3086

392.4324, 0.3118,

 5.0830, 0.3085,

0.3230

460.3568, 0.3118,
0.3233

0.3040

■ 2.2960, 0.3071,
0.2967

■ 0.7716, 0.3049,
0.2823

■ 92.3664, 0.3112,
0.3193

■ 92.3664, 0.3112,
0.3193

■ 76.7074, 0.3068,
0.2936

99.9388, 0.3133,
0.3299

■ 63.1243, 0.3016,
0.2666

■ 51.5289, 0.2956,
0.2389

■ 41.8219, 0.2887,
0.2114

■ 33.8954, 0.2812,
0.1852

■ 27.6303, 0.2730,
0.1616

■ 22.8925, 0.2646,
0.1416

■ 19.5265, 0.2563,
0.1263

■ 17.3427, 0.2482,
0.1159

Harmonies

Analogous

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



92.3664, 0.3053, 0.3181



92.3664, 0.3112, 0.3193



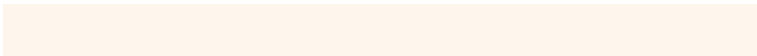
92.3664, 0.3176, 0.3230

Triad

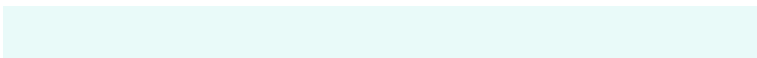
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.3664, 0.3112, 0.3193



92.3664, 0.3242, 0.3381



92.3664, 0.3028, 0.3296

Complementary

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



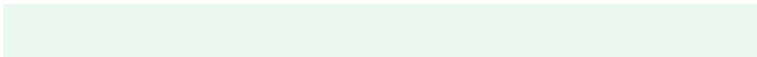
92.3664, 0.3112, 0.3193



97.2343, 0.3142, 0.3388

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.



92.3664, 0.3078, 0.3352



92.3664, 0.3112, 0.3193



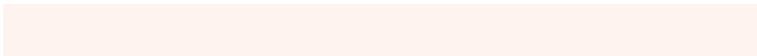
92.3664, 0.3202, 0.3401

Square

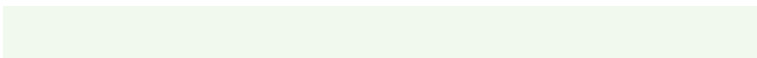
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



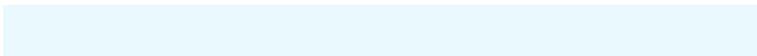
92.3664, 0.3112, 0.3193



92.3664, 0.3252, 0.3338



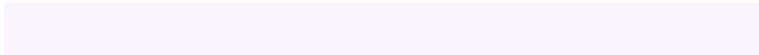
92.3664, 0.3141, 0.3390



92.3664, 0.3005, 0.3240

Rectangle

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



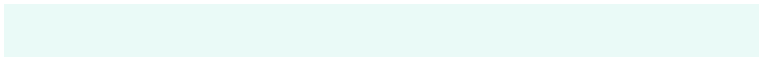
92.3664, 0.3112, 0.3193



92.3664, 0.3213, 0.3264



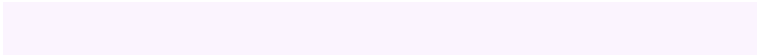
92.3664, 0.3141, 0.3390



92.3664, 0.3042, 0.3316

Sweetspot

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



92.3704, 0.3112, 0.3193



98.2362, 0.3123, 0.3266



93.0296, 0.3067, 0.3223



21.0452, 0.3124, 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.



92.3704, 0.3112, 0.3193



91.4013, 0.3108, 0.3167



92.8276, 0.3143, 0.3211



19.3144, 0.3105, 0.3149



8.7406, 0.2447, 0.1122



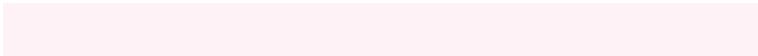
0.9085, 0.2536, 0.1171

Inverse Universe

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



92.5065, 0.3174, 0.3260



91.5761, 0.3187, 0.3253



96.7929, 0.3112, 0.3370



19.3572, 0.3196, 0.3247



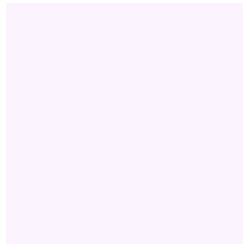
11.4192, 0.5748, 0.2940



1.1303, 0.5428, 0.2764

Previews

White Background



This preview shows how the Yxy color 92.3664, 0.3112, 0.3193 looks on a white background.

Color Contrast Check

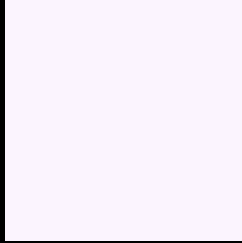
Large Text (above 18pt) WCAG AA × Fail

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 92.3664, 0.3112, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

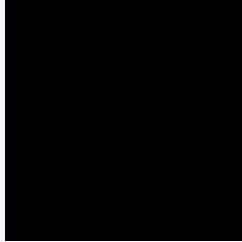
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

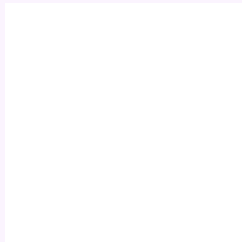
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.3664, 0.3112, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 92.3664, 0.3112, 0.3193.

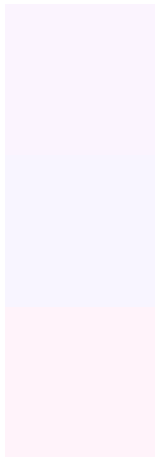


This preview shows how white text looks on a background with the Yxy color 92.3664, 0.3112, 0.3193.

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

92.3664, 0.3112, 0.3193

Protanopia

92.4813, 0.3087, 0.3193

Deuteranopia

92.2633, 0.3163, 0.3223



Tritanopia

92.2454, 0.3100, 0.3184

Trichromacy



Original Color

92.3664, 0.3112, 0.3193

Protanomaly

92.6646, 0.3093, 0.3193

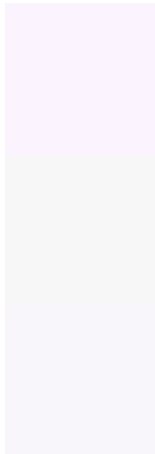
Deuteranomaly

92.1370, 0.3150, 0.3213

Tritanomaly

92.2454, 0.3100, 0.3184

Monochromacy



Original Color

92.3664, 0.3112, 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 92.3664, 0.3112, 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(251, 244, 254) looks like.

```
.text, #text, p{  
    color:rgb(251, 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(251, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 244, 254) }
```

Border

The CSS property to change the border of an element to Yxy 92.3664, 0.3112, 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(251, 244, 254) }
```

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

```
.border{ border-color:rgb(251, 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(251, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(251, 244,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3664, 0.3112, 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(251, 244, 254) }
```

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

```
.background{ background-color: rgb(251,  
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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