

Converting Colors

$Yxy(92.4403, 0.3094, 0.3207)$

Have a look what the booklet for
Yxy(92.4403, 0.3094, 0.3207)
contains.

Yxy(92.4170, 0.3093, 0.3203)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.4170, 0.3093, 0.3203)

Conversions

Conversions Part 1

Format	Color
Hex	F8F5FE
RGB	248, 245, 254
RGB Percent	97%, 96%, 100%
CMY	0.0275, 0.0392, 0.0040
CMYK	0.02, 0.04, 0.00, 0.00
HSL	260°, 81%, 98%
HSV	260°, 4%, 100%
XYZ	89.2431, 92.4170, 106.8725
YIQ	246.9230, -1.1010, 3.4350

Conversions

Conversions Part 2

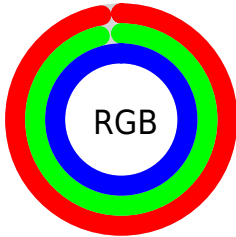
Format	Color
R _{YB}	248, 245, 254
Decimal	16315902
CIE Lab	96.99, 2.58, -3.95
CIE LCh	97, 4.718, 303.153
Yxy	92.4170, 0.3093, 0.3203
Android (android.graphics.Color)	4294505982 (0xFF8F5FE)
YUV	246.9230, 3.4890, 0.9445
Hunter-Lab	96.1338, -2.5285, 1.3806

Details

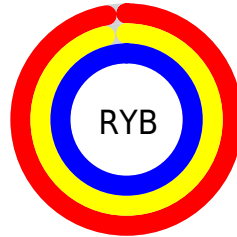
The Yxy color 92.4170, 0.3093, 0.3203 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.9670, 0.3161, 0.3377, and the grayscale version is 92.9169, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.6329, 0.3091, 0.3191 is the 20% darker color. If you saturate the color by 10%, you get 75.1279, 0.2985, 0.2938, and if you desaturate by 10%, it is 99.9337, 0.3133, 0.3300.

Distribution



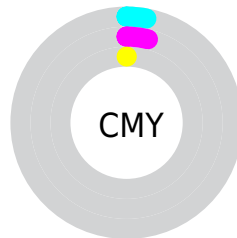
- Red (97%)
- Green (96%)
- Blue (100%)



- Red (97%)
- Yellow (96%)
- Blue (100%)



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





- Cyan (3%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4170, 0.3093, 0.3203 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 92.4170, 0.3093, 0.3203 by changing the saturation by 10% instead.


 92.4170, 0.3093,
0.3203

 92.4170, 0.3093,
0.3203


535.8623, 0.3108,
0.3241

 69.9870, 0.3090,
0.3195


150.6912, 0.3098,
0.3216

 51.5160, 0.3086,
0.3184


187.3042, 0.3100,
0.3221

 36.6194, 0.3080,
0.3172

229.4138, 0.3102,
0.3226

 24.9129, 0.3074,
0.3156

277.4041, 0.3104,
0.3230

 16.0122, 0.3065,
0.3135

331.6598, 0.3105,
0.3233

 9.5328, 0.3054,
0.3106

392.5651, 0.3106,

 5.0903, 0.3036,

0.3236

0.3065

460.5045, 0.3107,
0.3239

■ 2.3003, 0.3008,
0.2999

■ 0.7739, 0.2958,
0.2867

■ 92.4170, 0.3093,
0.3203

■ 92.4170, 0.3093,
0.3203

■ 75.1279, 0.2985,
0.2938

99.9337, 0.3133,
0.3300

■ 60.1330, 0.2861,
0.2649

■ 47.3371, 0.2721,
0.2339

■ 36.6341, 0.2566,
0.2017

■ 27.9087, 0.2401,
0.1697

■ 21.0341, 0.2232,
0.1396

■ 15.8684, 0.2068,
0.1133

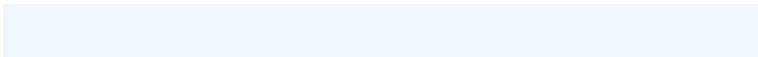
■ 12.2480, 0.1918,
0.0925

■ 9.9751, 0.1792,
0.0784

Harmonies

Analogous

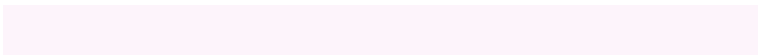
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4170, 0.3050, 0.3203



92.4170, 0.3093, 0.3203



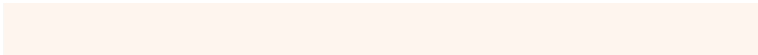
92.4170, 0.3146, 0.3226

Triad

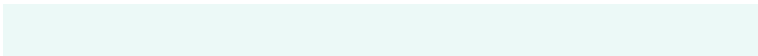
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.4170, 0.3093, 0.3203



92.4170, 0.3229, 0.3353



92.4170, 0.3061, 0.3315

Complementary

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



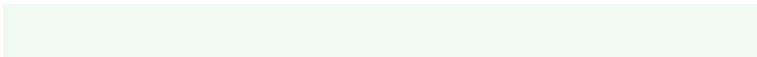
92.4170, 0.3093, 0.3203



97.9670, 0.3161, 0.3377

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.



92.4170, 0.3108, 0.3356



92.4170, 0.3093, 0.3203



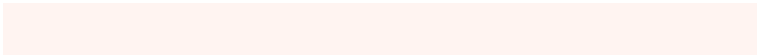
92.4170, 0.3205, 0.3378

Square

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



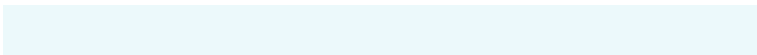
92.4170, 0.3093, 0.3203



92.4170, 0.3225, 0.3311



92.4170, 0.3161, 0.3379



92.4170, 0.3031, 0.3268

Rectangle

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



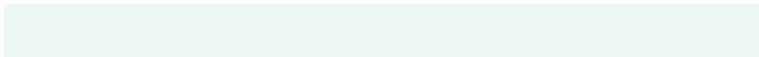
92.4170, 0.3093, 0.3203



92.4170, 0.3180, 0.3250



92.4170, 0.3161, 0.3379



92.4170, 0.3075, 0.3330

Sweetspot

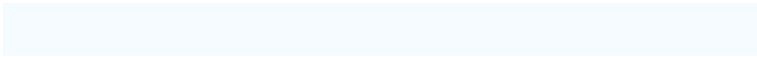
The Sweet Spot groups the original color and five complimentary colors.



92.4210, 0.3093, 0.3203



98.0617, 0.3118, 0.3266



95.6467, 0.3073, 0.3262



21.0097, 0.3118, 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.



92.4210, 0.3093, 0.3203



92.3927, 0.3088, 0.3191



93.2247, 0.3121, 0.3204



19.4789, 0.3081, 0.3172



4.8399, 0.1740, 0.0732



0.5279, 0.1861, 0.0799

Inverse Universe

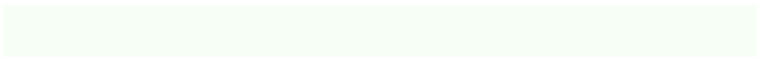
The Inverse Universe completely reimagines the original color for something new.



93.3446, 0.3149, 0.3232



93.4483, 0.3152, 0.3225



97.1689, 0.3133, 0.3377



19.7463, 0.3157, 0.3212



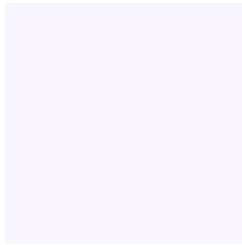
12.6655, 0.4268, 0.2125



1.2534, 0.4116, 0.2041

Previews

White Background



This preview shows how the Yxy color 92.4170, 0.3093, 0.3203 looks on a white background.

Color Contrast Check

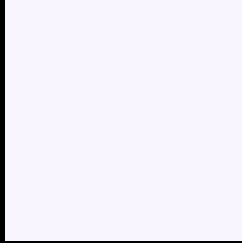
Large Text (above 18pt) WCAG AA × Fail

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 92.4170, 0.3093, 0.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

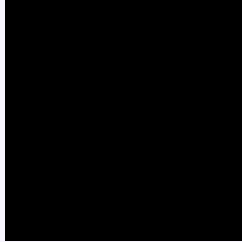
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

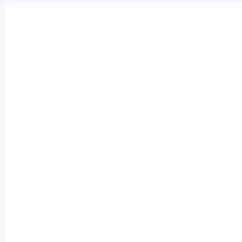
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.4170, 0.3093, 0.3203

Background



This preview shows how black text looks on a background with the Yxy color 92.4170, 0.3093, 0.3203.

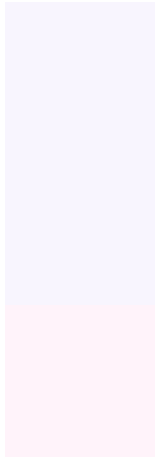


This preview shows how white text looks on a background with the Yxy color 92.4170, 0.3093, 0.3203.

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

92.4170, 0.3093, 0.3203

Protanopia

92.4170, 0.3093, 0.3203

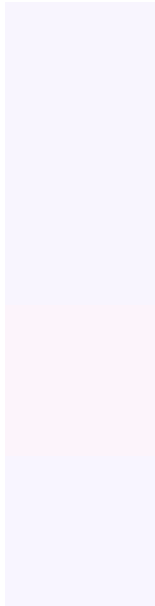
Deuteranopia

92.2633, 0.3163, 0.3223

Tritanopia

92.4813, 0.3087, 0.3193

Trichromacy



Original Color

92.4170, 0.3093, 0.3203

Protanomaly

92.4170, 0.3093, 0.3203

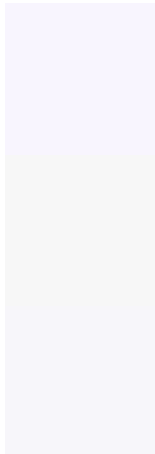
Deuteranomaly

92.3618, 0.3137, 0.3222

Tritanomaly

92.4813, 0.3087, 0.3193

Monochromacy



Original Color

92.4170, 0.3093, 0.3203

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.5878, 0.3110, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4170, 0.3093, 0.3203 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(248, 245, 254)` looks like.

```
.text, #text, p{  
    color:rgb(248, 245, 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(248, 245, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 245, 254) }
```

Border

The CSS property to change the border of an element to Yxy 92.4170, 0.3093, 0.3203 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(248, 245, 254) }
```

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

```
.border{ border-color:rgb(248, 245, 254) }
```

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

Here you see how a box with a 4 pixel rgb(248, 245, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 245, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 245, 254);  
box-shadow:4px 4px 4px 4px rgb(248, 245,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4170, 0.3093, 0.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 245, 254) }
```

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

```
.background{ background-color: rgb(248,  
245, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor