

Converting Colors

$Y_{xy}(91.7118, 0.3088, 0.3200)$

Have a look what the booklet for
Yxy(91.7118, 0.3088, 0.3200)
contains.

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Color

Yxy(91.6313, 0.3087, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	F7F4FE
RGB	247, 244, 254
RGB Percent	97%, 96%, 100%
CMY	0.0314, 0.0431, 0.0040
CMYK	0.03, 0.04, 0.00, 0.00
HSL	258°, 83%, 98%
HSV	258°, 4%, 100%
XYZ	88.5894, 91.6313, 106.7549
YIQ	246.0370, -1.4220, 3.7460

Conversions

Conversions Part 2

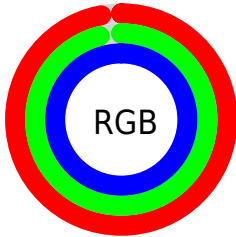
Format	Color
R_{YB}	247, 244, 254
Decimal	16250110
CIE _{Lab}	96.67, 2.77, -4.43
CIE _{LCh}	97, 5.223, 301.974
Yxy	91.6313, 0.3087, 0.3193
Android (android.graphics.Color)	4294440190 (0xFF7F4FE)
YUV	246.0370, 3.9258, 0.8446
Hunter-Lab	95.7242, -2.3221, 0.8848

Details

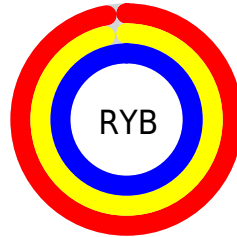
The Yxy color **91.6313, 0.3087, 0.3193** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97.9042, 0.3166, 0.3386**, and the grayscale version is **92.1587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0740, 0.3083, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **74.3036, 0.2973, 0.2927**, and if you desaturate by 10%, it is **99.9337, 0.3133, 0.3300**.

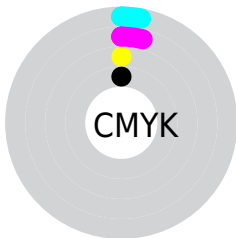
Distribution



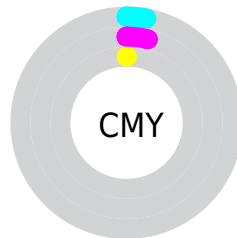
- Red (97%)
- Green (96%)
- Blue (100%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6313, 0.3087, 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 91.6313, 0.3087, 0.3193 by changing the saturation by 10% instead.


 91.6313, 0.3087,
0.3193

 91.6313, 0.3087,
0.3193


533.3232, 0.3105,
0.3236

 69.3344, 0.3083,
0.3184


149.6023, 0.3093,
0.3208

 50.9841, 0.3078,
0.3172


186.0452, 0.3096,
0.3213

 36.1960, 0.3072,
0.3158

227.9722, 0.3098,
0.3218

 24.5856, 0.3065,
0.3140


275.7678, 0.3099,
0.3223

 15.7686, 0.3054,
0.3117

329.8163, 0.3101,
0.3227

 9.3605, 0.3040,
0.3085

390.5021, 0.3103,

 4.9771, 0.3020,

0.3230

0.3038

458.2096, 0.3104,
0.3233

■ 2.2338, 0.2986,
0.2964

■ 0.7383, 0.2926,
0.2808

■ 91.6313, 0.3087,
0.3193

■ 91.6313, 0.3087,
0.3193

■ 74.3036, 0.2973,
0.2927

99.9337, 0.3133,
0.3300

■ 59.2930, 0.2842,
0.2634

■ 46.5029, 0.2694,
0.2321

■ 35.8255, 0.2532,
0.1995

■ 27.1437, 0.2360,
0.1671

■ 20.3287, 0.2185,
0.1366

■ 15.2363, 0.2017,
0.1101

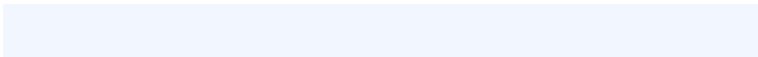
■ 11.6998, 0.1868,
0.0894

■ 9.5177, 0.1744,
0.0756

Harmonies

Analogous

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



91.6313, 0.3040, 0.3194



91.6313, 0.3087, 0.3193



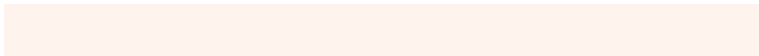
91.6313, 0.3146, 0.3217

Triad

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



91.6313, 0.3087, 0.3193



91.6313, 0.3240, 0.3358



91.6313, 0.3055, 0.3320

Complementary

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



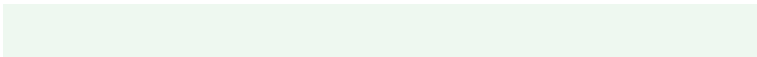
91.6313, 0.3087, 0.3193



97.9042, 0.3166, 0.3386

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.



91.6313, 0.3108, 0.3365



91.6313, 0.3087, 0.3193



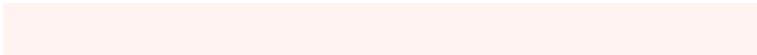
91.6313, 0.3215, 0.3387

Square

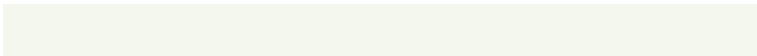
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



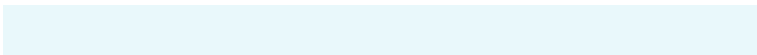
91.6313, 0.3087, 0.3193



91.6313, 0.3235, 0.3312



91.6313, 0.3167, 0.3389



91.6313, 0.3021, 0.3267

Rectangle

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



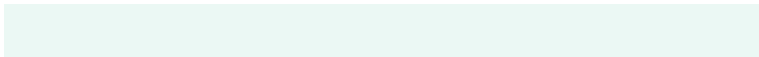
91.6313, 0.3087, 0.3193



91.6313, 0.3183, 0.3244



91.6313, 0.3167, 0.3389



91.6313, 0.3071, 0.3337

Sweetspot

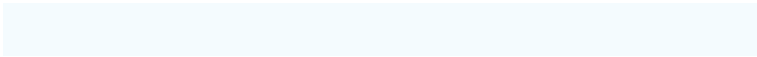
The Sweet Spot groups the original color and five complimentary colors.



91.6352, 0.3087, 0.3193



98.0461, 0.3117, 0.3266



95.4759, 0.3066, 0.3262



21.0065, 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.



91.6352, 0.3087, 0.3193



90.4763, 0.3075, 0.3166



92.5238, 0.3118, 0.3194



19.0896, 0.3068, 0.3147



4.6454, 0.1698, 0.0709



0.5061, 0.1815, 0.0774

Inverse Universe

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



92.7395, 0.3149, 0.3223



91.8904, 0.3156, 0.3204



97.0194, 0.3136, 0.3387



19.4336, 0.3160, 0.3192



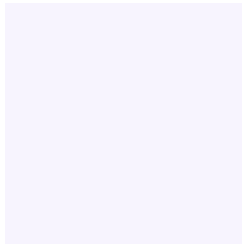
12.8343, 0.4143, 0.2056



1.2689, 0.4011, 0.1983

Previews

White Background



This preview shows how the Yxy color 91.6313, 0.3087, 0.3193 looks on a white background.

Color Contrast Check

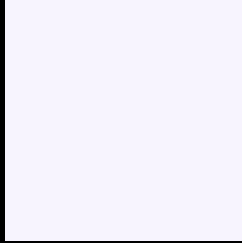
Large Text (above 18pt) WCAG AA × Fail

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 91.6313, 0.3087, 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

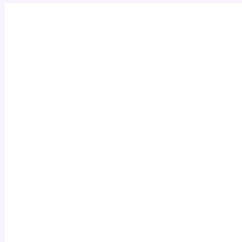
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6313, 0.3087, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 91.6313, 0.3087, 0.3193.

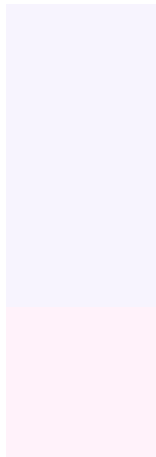


This preview shows how white text looks on a background with the Yxy color 91.6313, 0.3087, 0.3193.

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

91.6313, 0.3087, 0.3193

Protanopia

91.6313, 0.3087, 0.3193

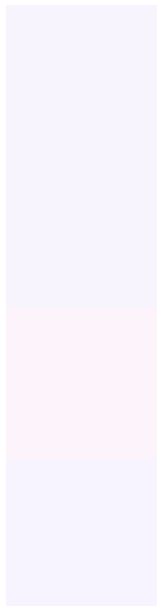
Deuteranopia

91.6664, 0.3163, 0.3213

Tritanopia

91.6955, 0.3081, 0.3183

Trichromacy



Original Color

91.6313, 0.3087, 0.3193

Protanomaly

91.6313, 0.3087, 0.3193

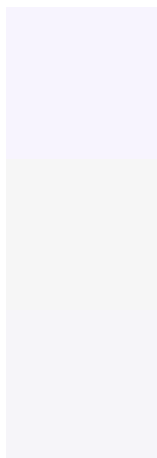
Deuteranomaly

91.7617, 0.3137, 0.3213

Tritanomaly

91.6955, 0.3081, 0.3183

Monochromacy



Original Color

91.6313, 0.3087, 0.3193

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.7372, 0.3110, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6313, 0.3087, 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(247, 244, 254)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 244, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 244, 254) }
```

Border

The CSS property to change the border of an element to Yxy 91.6313, 0.3087, 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(247, 244, 254) }
```

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

```
.border{ border-color:rgb(247, 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(247, 244, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 244, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 244, 254);  
box-shadow:4px 4px 4px 4px rgb(247, 244,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6313, 0.3087, 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(247, 244, 254) }
```

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

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