

Converting Colors

$Yxy(91.7190, 0.3082, 0.3232)$

Have a look what the booklet for
Yxy(91.7190, 0.3082, 0.3232)
contains.

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Color

Yxy(91.5029, 0.3085, 0.3231)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F4F5FB |
| RGB | 244, 245, 251 |
| RGB Percent | 96%, 96%, 98% |
| CMY | 0.0432, 0.0392, 0.0156 |
| CMYK | 0.03, 0.02, 0.00, 0.02 |
| HSL | 231°, 47%, 97% |
| HSV | 231°, 3%, 98% |
| XYZ | 87.3681, 91.5029, 104.3320 |
| YIQ | 245.3850, -2.5220, 1.6540 |

Conversions

Conversions Part 2

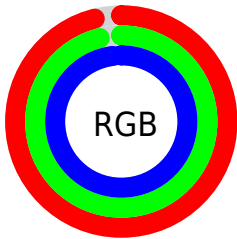
| Format | Color |
|-------------------------------------|---|
| RYB | 244, 245, 251 |
| Decimal | 16053755 |
| CIELab | 96.62, 0.74, -3.01 |
| CIELCh | 97, 3.096, 283.793 |
| Yxy | 91.5029, 0.3085, 0.3231 |
| Android (android.graphics.Color) | 4294243835 (0xFFFF4F5FB) |
| YUV | 245.3850, 2.7682, -1.2146 |
| Hunter-Lab | 95.6571, -4.3676, 2.2932 |

Details

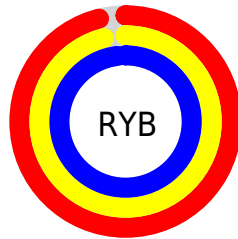
The Yxy color 91.5029, 0.3085, 0.3231 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.3985, 0.3169, 0.3348, and the grayscale version is 91.6160, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.0267, 0.3074, 0.3215 is the 20% darker color. If you saturate the color by 10%, you get 75.1046, 0.2924, 0.3002, and if you desaturate by 10%, it is 99.7458, 0.3150, 0.3328.

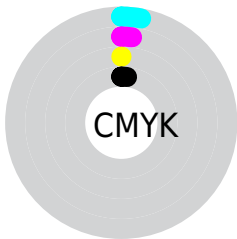
Distribution



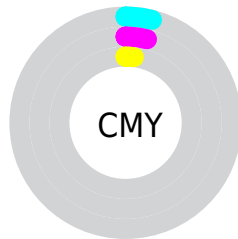
- Red (96%)
- Green (96%)
- Blue (98%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.5029, 0.3085, 0.3231 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 91.5029, 0.3085, 0.3231 by changing the saturation by 10% instead.

91.5029, 0.3085,
0.3231

91.5029, 0.3085,
0.3231

532.9077, 0.3104,
0.3257

69.2278, 0.3081,
0.3225

149.4242, 0.3091,
0.3240

50.8973, 0.3076,
0.3218

185.8393, 0.3094,
0.3243

36.1269, 0.3070,
0.3210

227.7364, 0.3096,
0.3246

24.5322, 0.3062,
0.3199

275.5001, 0.3098,
0.3249

15.7289, 0.3051,
0.3184

329.5147, 0.3100,
0.3252

9.3325, 0.3037,
0.3164

390.1645, 0.3101,

4.9587, 0.3016,

0.3254

0.3135

457.8341, 0.3103,
0.3256

■ 2.2230, 0.2981,
0.3088

■ 0.7325, 0.2909,
0.2983

■ 91.5029, 0.3085,
0.3231

■ 91.5029, 0.3085,
0.3231

■ 75.1046, 0.2924,
0.3002

99.7458, 0.3150,
0.3328

■ 60.7373, 0.2746,
0.2745

■ 48.3249, 0.2554,
0.2460

■ 37.7821, 0.2354,
0.2153

■ 29.0176, 0.2152,
0.1835

■ 21.9318, 0.1961,
0.1521

■ 16.4154, 0.1792,
0.1229

■ 12.3457, 0.1658,
0.0982

■ 9.5805, 0.1568,
0.0794

Harmonies

Analogous

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



91.5029, 0.3064, 0.3241



91.5029, 0.3085, 0.3231



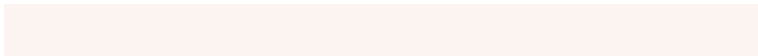
91.5029, 0.3117, 0.3236

Triad

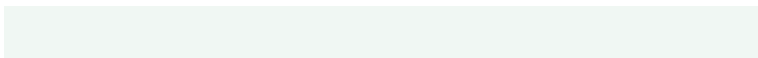
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.5029, 0.3085, 0.3231



91.5029, 0.3194, 0.3315



91.5029, 0.3103, 0.3325

Complementary

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



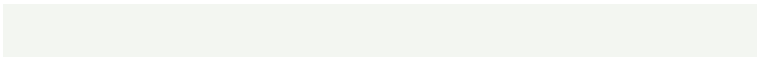
91.5029, 0.3085, 0.3231



95.3985, 0.3169, 0.3348

Split Complementary

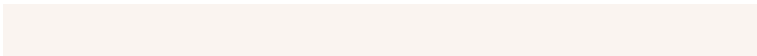
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.5029, 0.3137, 0.3345



91.5029, 0.3085, 0.3231



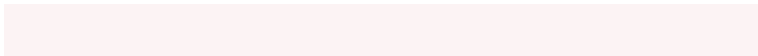
91.5029, 0.3190, 0.3339

Square

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



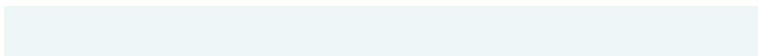
91.5029, 0.3085, 0.3231



91.5029, 0.3180, 0.3284



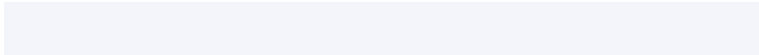
91.5029, 0.3169, 0.3350



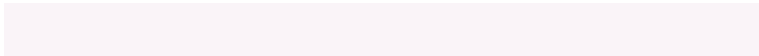
91.5029, 0.3075, 0.3296

Rectangle

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



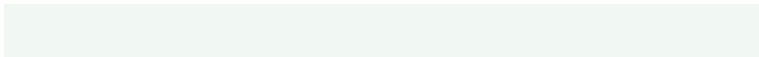
91.5029, 0.3085, 0.3231



91.5029, 0.3140, 0.3248



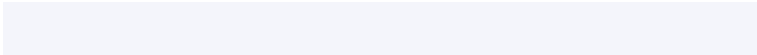
91.5029, 0.3169, 0.3350



91.5029, 0.3114, 0.3333

Sweetspot

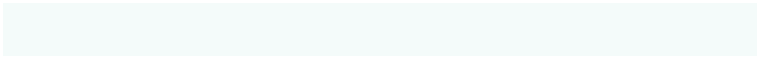
The Sweet Spot groups the original color and five complimentary colors.



91.5068, 0.3085, 0.3231



98.1397, 0.3112, 0.3269



95.1300, 0.3089, 0.3300



21.0256, 0.3113, 0.3270



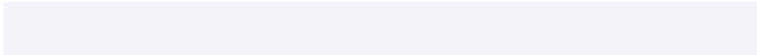
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



91.5068, 0.3085, 0.3231



94.4852, 0.3082, 0.3227



91.3258, 0.3101, 0.3221



19.0678, 0.3070, 0.3210



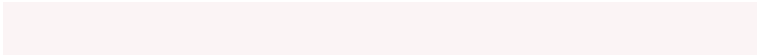
4.4800, 0.1533, 0.0718



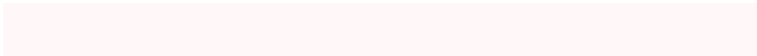
0.5345, 0.1582, 0.0894

Inverse Universe

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



91.7924, 0.3167, 0.3280



94.8026, 0.3169, 0.3279



95.5889, 0.3153, 0.3359



19.1504, 0.3181, 0.3276



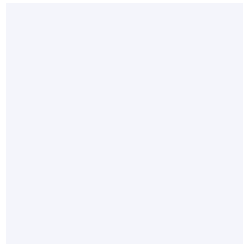
10.8632, 0.6202, 0.3190



1.0182, 0.5921, 0.3035

Previews

White Background



This preview shows how the Yxy color 91.5029, 0.3085, 0.3231 looks on a white background.

Color Contrast Check

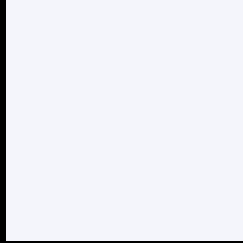
Large Text (above 18pt) WCAG AA × Fail

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 91.5029, 0.3085, 0.3231 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

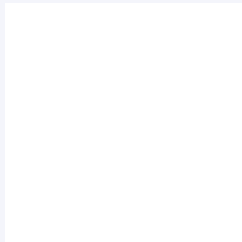
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.5029, 0.3085, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 91.5029, 0.3085, 0.3231.

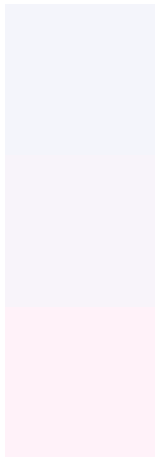


This preview shows how white text looks on a background with the Yxy color 91.5029, 0.3085, 0.3231.

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

91.5029, 0.3085, 0.3231

Protanopia

91.5600, 0.3117, 0.3231

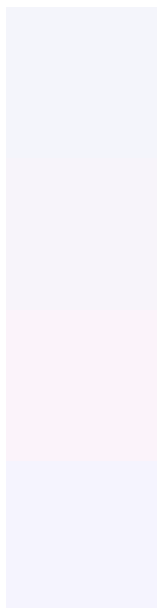
Deuteranopia

91.6038, 0.3169, 0.3223

Tritanopia

91.5142, 0.3075, 0.3183

Trichromacy



Original Color

91.5029, 0.3085, 0.3231

Protanomaly

91.3777, 0.3111, 0.3231

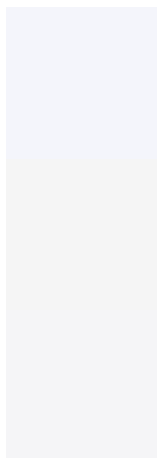
Deuteranomaly

91.5125, 0.3137, 0.3222

Tritanomaly

91.2696, 0.3074, 0.3192

Monochromacy



Original Color

91.5029, 0.3085, 0.3231

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.4327, 0.3115, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5029, 0.3085, 0.3231 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, 245, 251)` looks like.

```
.text, #text, p{  
    color:rgb(244, 245, 251)  
}
```

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, 245, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 245, 251) }
```

Border

The CSS property to change the border of an element to Yxy 91.5029, 0.3085, 0.3231 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, 245, 251) }
```

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

```
.border{ border-color:rgb(244, 245, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 245, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 245, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 245, 251);  
box-shadow:4px 4px 4px 4px rgb(244, 245,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 91.5029, 0.3085, 0.3231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 245, 251) }
```

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

```
.background{ background-color: rgb(244,  
245, 251) }
```

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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