

Converting Colors

$Y_{xy}(91.3218, 0.3109, 0.3237)$

Have a look what the booklet for
Yxy(91.3218, 0.3109, 0.3237)
contains.

Yxy(91.1963, 0.3104, 0.3231)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(91.1963, 0.3104, 0.3231)

Conversions

Conversions Part 1

Format	Color
Hex	F6F4FA
RGB	246, 244, 250
RGB Percent	96%, 96%, 98%
CMY	0.0353, 0.0431, 0.0195
CMYK	0.02, 0.02, 0.00, 0.02
HSL	260°, 38%, 97%
HSV	260°, 2%, 98%
XYZ	87.6117, 91.1963, 103.4461
YIQ	245.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

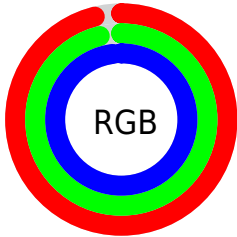
Format	Color
R _Y B	246, 244, 250
Decimal	16184570
CIE Lab	96.49, 1.73, -2.66
CIE LCh	96, 3.178, 303.029
Yxy	91.1963, 0.3104, 0.3231
Android (android.graphics.Color)	4294374650 (0xFFFF6F4FA)
YUV	245.2820, 2.3260, 0.6297
Hunter-Lab	95.4968, -3.3579, 2.6223

Details

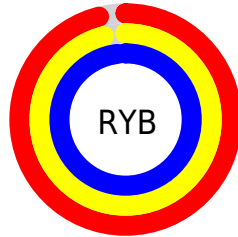
The Yxy color **91.1963, 0.3104, 0.3231** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.8826, 0.3150, 0.3349**, and the grayscale version is **91.5331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8086, 0.3098, 0.3215** is the 20% darker color. If you saturate the color by 10%, you get **74.2640, 0.2998, 0.2970**, and if you desaturate by 10%, it is **99.6837, 0.3156, 0.3337**.

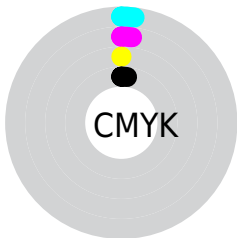
Distribution



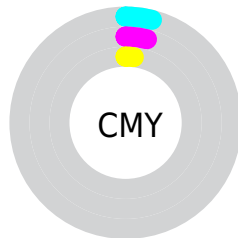
- Red (96%)
- Green (96%)
- Blue (98%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.1963, 0.3104, 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 91.1963, 0.3104, 0.3231 by changing the saturation by 10% instead.


 91.1963, 0.3104,
0.3231

 91.1963, 0.3104,
0.3231


531.9147, 0.3114,
0.3257

 68.9733, 0.3102,
0.3225


148.9990, 0.3108,
0.3240

 50.6899, 0.3099,
0.3218


185.3475, 0.3109,
0.3243

 35.9619, 0.3095,
0.3210


227.1732, 0.3110,
0.3246

 24.4048, 0.3091,
0.3199

274.8606, 0.3111,
0.3249

 15.6342, 0.3085,
0.3184

328.7941, 0.3112,
0.3252

 9.2657, 0.3077,
0.3164

389.3580, 0.3113,

 4.9149, 0.3065,

0.3254

0.3135

456.9367, 0.3114,
0.3256

■ 2.1974, 0.3046,
0.3088

■ 0.7186, 0.3006,
0.2979

■ 91.1963, 0.3104,
0.3231

■ 91.1963, 0.3104,
0.3231

■ 74.2640, 0.2998,
0.2970

■ 99.6837, 0.3156,
0.3337

■ 59.5535, 0.2876,
0.2683

■ 46.9741, 0.2737,
0.2375

■ 36.4244, 0.2583,
0.2054

■ 27.7944, 0.2419,
0.1733

■ 20.9635, 0.2249,
0.1429

■ 15.7969, 0.2084,
0.1160

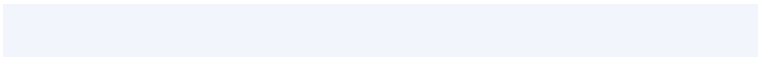
■ 12.1400, 0.1932,
0.0945

■ 9.8071, 0.1803,
0.0796

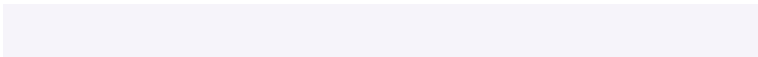
Harmonies

Analogous

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



91.1963, 0.3075, 0.3231



91.1963, 0.3104, 0.3231



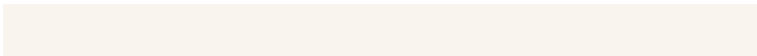
91.1963, 0.3140, 0.3246

Triad

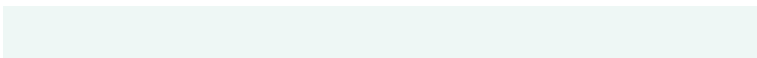
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1963, 0.3104, 0.3231



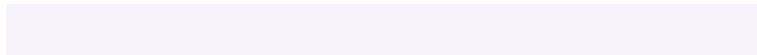
91.1963, 0.3196, 0.3332



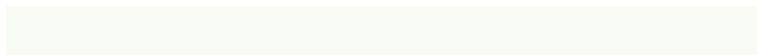
91.1963, 0.3082, 0.3307

Complementary

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



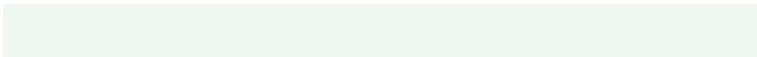
91.1963, 0.3104, 0.3231



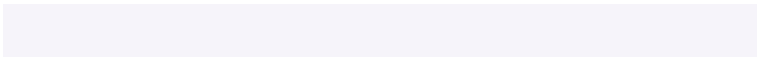
94.8826, 0.3150, 0.3349

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.



91.1963, 0.3114, 0.3335



91.1963, 0.3104, 0.3231



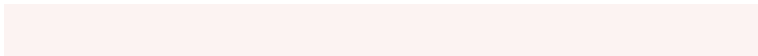
91.1963, 0.3180, 0.3349

Square

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



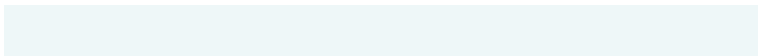
91.1963, 0.3104, 0.3231



91.1963, 0.3193, 0.3305



91.1963, 0.3150, 0.3350



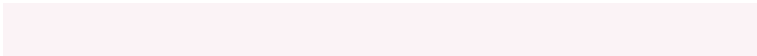
91.1963, 0.3062, 0.3275

Rectangle

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



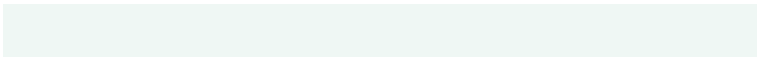
91.1963, 0.3104, 0.3231



91.1963, 0.3162, 0.3263



91.1963, 0.3150, 0.3350



91.1963, 0.3092, 0.3317

Sweetspot

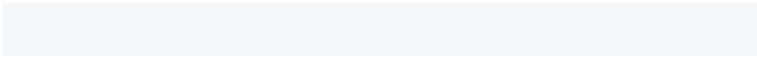
The Sweet Spot groups the original color and five complimentary colors.



91.2002, 0.3104, 0.3231



98.0609, 0.3118, 0.3266



93.3459, 0.3090, 0.3271



21.0095, 0.3118, 0.3267



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

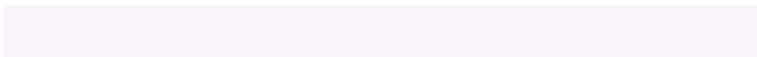
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2002, 0.3104, 0.3231



94.2558, 0.3098, 0.3216



91.7345, 0.3123, 0.3231



19.0091, 0.3090, 0.3196



4.6906, 0.1739, 0.0731



0.4895, 0.1866, 0.0802

Inverse Universe

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



91.8140, 0.3142, 0.3251



95.0545, 0.3146, 0.3241



94.3507, 0.3131, 0.3349



19.2153, 0.3151, 0.3228



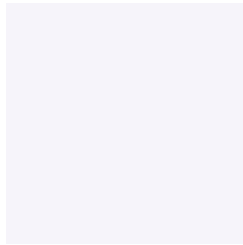
12.3007, 0.4260, 0.2121



1.1588, 0.4102, 0.2034

Previews

White Background



This preview shows how the Yxy color 91.1963, 0.3104, 0.3231 looks on a white background.

Color Contrast Check

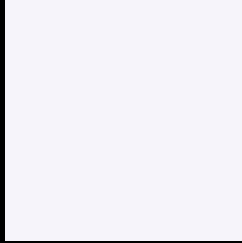
Large Text (above 18pt) WCAG AA × Fail

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 91.1963, 0.3104, 0.3231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

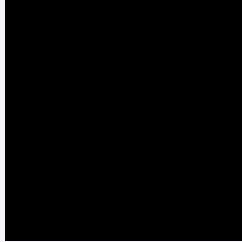
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

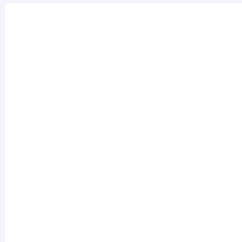
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1963, 0.3104, 0.3231

Background



This preview shows how black text looks on a background with the Yxy color 91.1963, 0.3104, 0.3231.

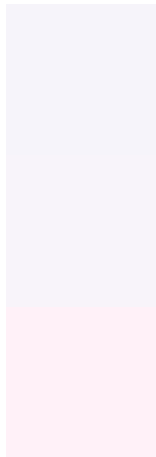


This preview shows how white text looks on a background with the Yxy color 91.1963, 0.3104, 0.3231.

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

91.1963, 0.3104, 0.3231

Protanopia

91.5600, 0.3117, 0.3231

Deuteranopia

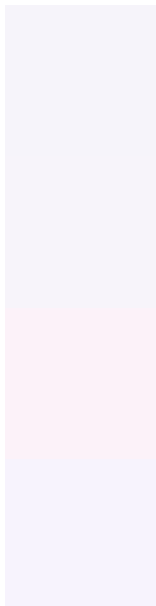
90.9479, 0.3176, 0.3223



Tritanopia

91.0953, 0.3081, 0.3173

Trichromacy



Original Color

91.1963, 0.3104, 0.3231

Protanomaly

91.3777, 0.3111, 0.3231

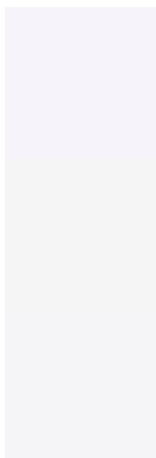
Deuteranomaly

91.0393, 0.3150, 0.3222

Tritanomaly

90.9672, 0.3093, 0.3192

Monochromacy



Original Color

91.1963, 0.3104, 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 91.1963, 0.3104, 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(246, 244, 250)` looks like.

```
.text, #text, p{  
    color:rgb(246, 244, 250)  
}
```

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(246, 244, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 244, 250) }
```

Border

The CSS property to change the border of an element to Yxy 91.1963, 0.3104, 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(246, 244, 250) }
```

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

```
.border{ border-color:rgb(246, 244, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 244, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 244, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 244, 250);  
box-shadow:4px 4px 4px 4px rgb(246, 244,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1963, 0.3104, 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(246, 244, 250) }
```

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

```
.background{ background-color: rgb(246,  
244, 250) }
```

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