

Converting Colors

$Yxy(91.7006, 0.3089, 0.3243)$

Have a look what the booklet for
Yxy(91.7006, 0.3089, 0.3243)
contains.

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Color

Yxy(91.4400, 0.3091, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	F4F5FA
RGB	244, 245, 250
RGB Percent	96%, 96%, 98%
CMY	0.0432, 0.0392, 0.0196
CMYK	0.02, 0.02, 0.00, 0.02
HSL	230°, 38%, 97%
HSV	230°, 2%, 98%
XYZ	87.2080, 91.4400, 103.4872
YIQ	245.2710, -2.2010, 1.3430

Conversions

Conversions Part 2

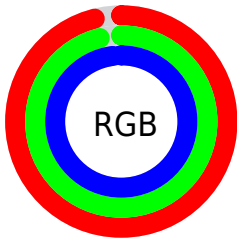
Format	Color
R _Y B	244, 245, 250
Decimal	16053754
CIE Lab	96.59, 0.55, -2.52
CIE LCh	97, 2.578, 282.369
Yxy	91.4400, 0.3091, 0.3241
Android (android.graphics.Color)	4294243834 (0xFFFF4F5FA)
YUV	245.2710, 2.3314, -1.1147
Hunter-Lab	95.6243, -4.5530, 2.7717

Details

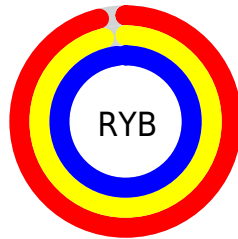
The Yxy color **91.4400, 0.3091, 0.3241** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.5747, 0.3163, 0.3339**, and the grayscale version is **91.5218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9816, 0.3081, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **75.4475, 0.2931, 0.3020**, and if you desaturate by 10%, it is **99.6816, 0.3156, 0.3338**.

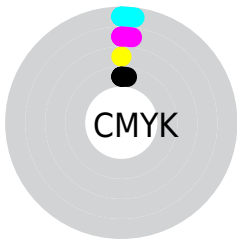
Distribution



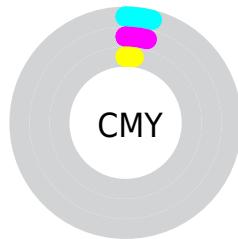
- Red (96%)
- Green (96%)
- Blue (98%)



- 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 91.4400, 0.3091, 0.3241 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 91.4400, 0.3091, 0.3241 by changing the saturation by 10% instead.

 91.4400, 0.3091,
0.3241

 91.4400, 0.3091,
0.3241


532.7041, 0.3107,
0.3263

 69.1756, 0.3087,
0.3236


149.3370, 0.3096,
0.3248

 50.8547, 0.3083,
0.3230

185.7384, 0.3099,
0.3251

 36.0930, 0.3078,
0.3223


227.6209, 0.3101,
0.3254

 24.5060, 0.3071,
0.3214

275.3689, 0.3102,
0.3256

 15.7094, 0.3062,
0.3202

329.3669, 0.3104,
0.3258

 9.3188, 0.3050,
0.3185

389.9991, 0.3105,

 4.9497, 0.3031,

0.3260

0.3161

457.6500, 0.3106,
0.3261

■ 2.2178, 0.3002,
0.3122

■ 0.7297, 0.2937,
0.3031

■ 91.4400, 0.3091,
0.3241

■ 91.4400, 0.3091,
0.3241

■ 75.4475, 0.2931,
0.3020

■ 99.6816, 0.3156,
0.3338

■ 61.3865, 0.2755,
0.2772

■ 49.1866, 0.2565,
0.2497

■ 38.7689, 0.2368,
0.2200

■ 30.0487, 0.2169,
0.1891

■ 22.9343, 0.1979,
0.1582

■ 17.3249, 0.1811,
0.1292

■ 13.1080, 0.1676,
0.1040

■ 10.1539, 0.1582,
0.0842

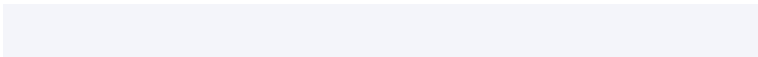
Harmonies

Analogous

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



91.4400, 0.3074, 0.3250



91.4400, 0.3091, 0.3241



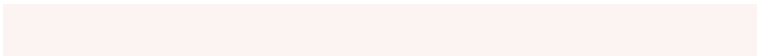
91.4400, 0.3117, 0.3245

Triad

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



91.4400, 0.3091, 0.3241



91.4400, 0.3183, 0.3310



91.4400, 0.3108, 0.3320

Complementary

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



91.4400, 0.3091, 0.3241



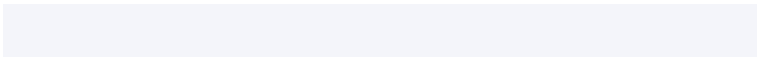
94.5747, 0.3163, 0.3339

Split Complementary

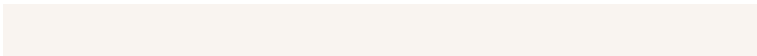
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.4400, 0.3137, 0.3336



91.4400, 0.3091, 0.3241



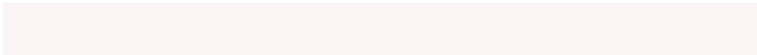
91.4400, 0.3180, 0.3330

Square

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



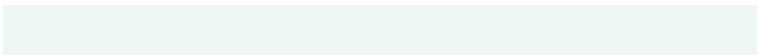
91.4400, 0.3091, 0.3241



91.4400, 0.3170, 0.3284



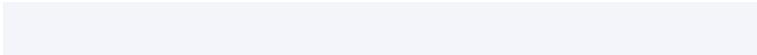
91.4400, 0.3164, 0.3340



91.4400, 0.3084, 0.3296

Rectangle

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



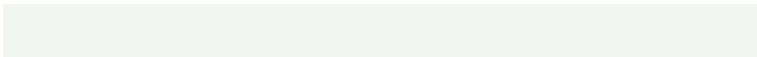
91.4400, 0.3091, 0.3241



91.4400, 0.3137, 0.3254



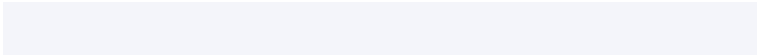
91.4400, 0.3164, 0.3340



91.4400, 0.3118, 0.3327

Sweetspot

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



91.4439, 0.3091, 0.3241



98.1808, 0.3112, 0.3270



94.4271, 0.3096, 0.3301



21.0339, 0.3113, 0.3271



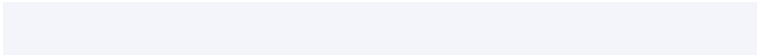
0.0000, 0.0000, 0.0000



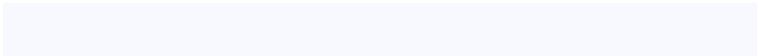
21.4041, 0.3127, 0.3290

Same Dimension

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



91.4439, 0.3091, 0.3241



94.6058, 0.3082, 0.3229



91.1597, 0.3104, 0.3231



19.0988, 0.3070, 0.3212



4.7255, 0.1543, 0.0753



0.5686, 0.1595, 0.0942

Inverse Universe

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



91.6027, 0.3160, 0.3280



94.8148, 0.3168, 0.3277



94.8682, 0.3150, 0.3349



19.1535, 0.3180, 0.3274



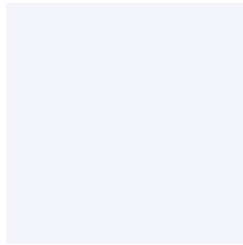
10.8879, 0.6146, 0.3159



1.0216, 0.5846, 0.2994

Previews

White Background



This preview shows how the Yxy color 91.4400, 0.3091, 0.3241 looks on a white background.

Color Contrast Check

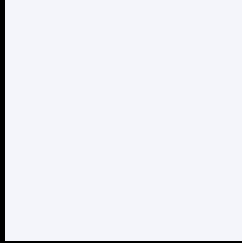
Large Text (above 18pt) WCAG AA × Fail

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 91.4400, 0.3091, 0.3241 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

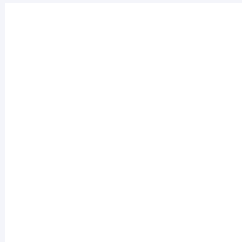
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4400, 0.3091, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 91.4400, 0.3091, 0.3241.

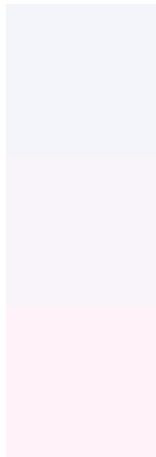


This preview shows how white text looks on a background with the Yxy color 91.4400, 0.3091, 0.3241.

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

91.4400, 0.3091, 0.3241

Protanopia

91.4974, 0.3123, 0.3241

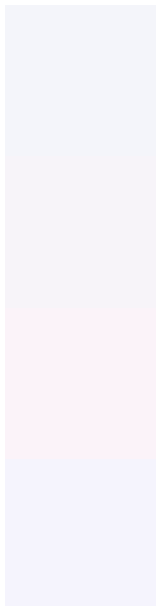
Deuteranopia

91.5416, 0.3176, 0.3232

Tritanopia

91.5142, 0.3075, 0.3183

Trichromacy



Original Color

91.4400, 0.3091, 0.3241

Protanomaly

91.3151, 0.3117, 0.3241

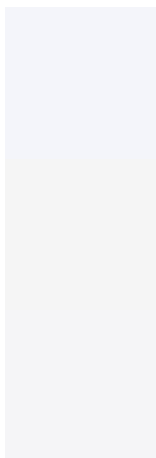
Deuteranomaly

91.4500, 0.3143, 0.3232

Tritanomaly

91.2057, 0.3080, 0.3202

Monochromacy



Original Color

91.4400, 0.3091, 0.3241

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 91.4400, 0.3091, 0.3241 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, 250)` looks like.

```
.text, #text, p{  
    color:rgb(244, 245, 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(244, 245, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 245, 250) }
```

Border

The CSS property to change the border of an element to Yxy 91.4400, 0.3091, 0.3241 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, 250) }
```

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

```
.border{ border-color:rgb(244, 245, 250) }
```

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, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 245, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 245, 250);  
box-shadow:4px 4px 4px 4px rgb(244, 245,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4400, 0.3091, 0.3241 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, 250) }
```

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

```
.background{ background-color: rgb(244,  
245, 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](#).

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