

Converting Colors

$Yxy(91.2519, 0.3103, 0.3251)$

Have a look what the booklet for
Yxy(91.2519, 0.3103, 0.3251)
contains.

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Color

Yxy(91.5568, 0.3103, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	F5F5F9
RGB	245, 245, 249
RGB Percent	96%, 96%, 98%
CMY	0.0395, 0.0391, 0.0236
CMYK	0.02, 0.02, 0.00, 0.02
HSL	239°, 25%, 97%
HSV	239°, 2%, 98%
XYZ	87.3887, 91.5568, 102.6810
YIQ	245.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

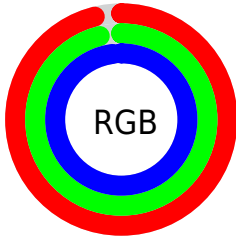
Format	Color
R _Y B	245, 245, 249
Decimal	16119289
CIE Lab	96.64, 0.68, -1.92
CIE LCh	97, 2.040, 289.500
Yxy	91.5568, 0.3103, 0.3251
Android (android.graphics.Color)	4294309369 (0xFF5F5F9)
YUV	245.4560, 1.7472, -0.3999
Hunter-Lab	95.6853, -4.4265, 3.3549

Details

The Yxy color **91.5568, 0.3103, 0.3251** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **94.4159, 0.3151, 0.3329**, and the grayscale version is **91.6785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0643, 0.3097, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **73.6134, 0.2943, 0.2992**, and if you desaturate by 10%, it is **99.6191, 0.3162, 0.3347**.

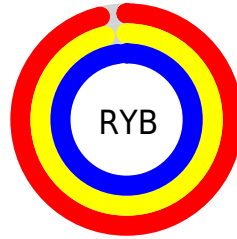
Distribution



Red (96%)

Green (96%)

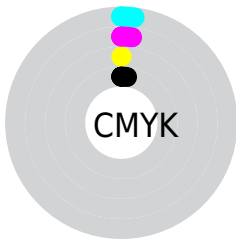
Blue (98%)



Red (96%)

Yellow (96%)

Blue (98%)

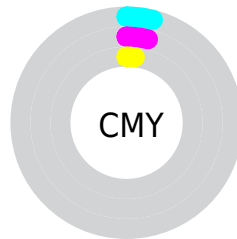


Cyan (2%)

Magenta (2%)

Yellow (0%)

Black (2%)



Cyan (4%)

Magenta (4%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.5568, 0.3103, 0.3251 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 91.5568, 0.3103, 0.3251 by changing the saturation by 10% instead.

91.5568, 0.3103,
0.3251

91.5568, 0.3103,
0.3251

533.0821, 0.3114,
0.3268

69.2726, 0.3101,
0.3247

149.4990, 0.3107,
0.3257

50.9337, 0.3098,
0.3243

185.9257, 0.3108,
0.3259

36.1559, 0.3094,
0.3237

227.8354, 0.3109,
0.3261

24.5546, 0.3090,
0.3230

275.6125, 0.3110,
0.3263

15.7455, 0.3084,
0.3220

329.6413, 0.3111,
0.3265

9.3443, 0.3075,
0.3207

390.3062, 0.3112,

4.9664, 0.3063,

0.3266

0.3187

457.9917, 0.3113,
0.3267

■ 2.2276, 0.3043,
0.3156

■ 0.7350, 0.2999,
0.3082

■ 91.5568, 0.3103,
0.3251

■ 91.5568, 0.3103,
0.3251

■ 73.6134, 0.2943,
0.2992

■ 99.6191, 0.3162,
0.3347

■ 58.1052, 0.2762,
0.2699

■ 44.9311, 0.2563,
0.2375

■ 33.9781, 0.2352,
0.2029

■ 25.1237, 0.2137,
0.1676

■ 18.2340, 0.1932,
0.1338

■ 13.1594, 0.1755,
0.1042

■ 9.7287, 0.1620,
0.0814

■ 7.7383, 0.1536,
0.0669

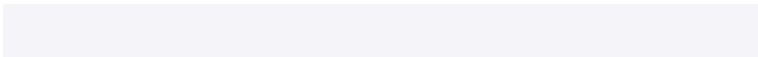
Harmonies

Analogous

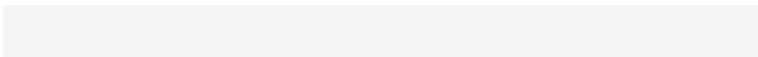
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.5568, 0.3088, 0.3256



91.5568, 0.3103, 0.3251



91.5568, 0.3125, 0.3256

Triad

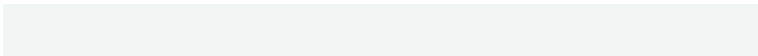
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.5568, 0.3103, 0.3251



91.5568, 0.3172, 0.3310



91.5568, 0.3107, 0.3310

Complementary

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



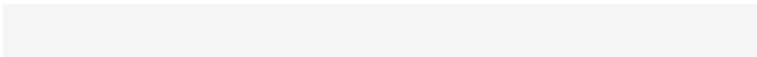
91.5568, 0.3103, 0.3251



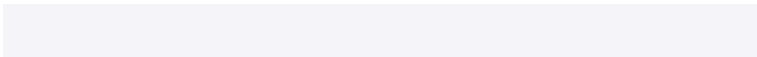
94.4159, 0.3151, 0.3329

Split Complementary

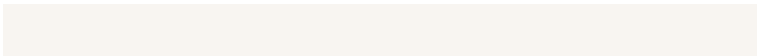
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.5568, 0.3130, 0.3324



91.5568, 0.3103, 0.3251



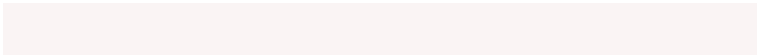
91.5568, 0.3167, 0.3324

Square

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



91.5568, 0.3103, 0.3251



91.5568, 0.3165, 0.3290



91.5568, 0.3151, 0.3330



91.5568, 0.3090, 0.3290

Rectangle

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



91.5568, 0.3103, 0.3251



91.5568, 0.3140, 0.3265



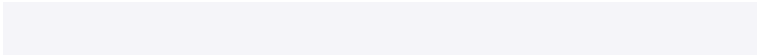
91.5568, 0.3151, 0.3330



91.5568, 0.3114, 0.3315

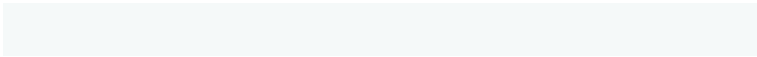
Sweetspot

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



91.5607, 0.3103, 0.3251

100.0000, 0.3127, 0.3290



93.9777, 0.3102, 0.3291



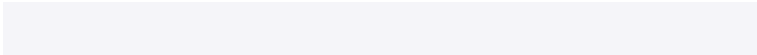
21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

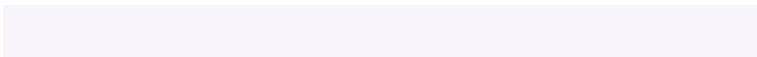
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.5607, 0.3103, 0.3251



95.9071, 0.3097, 0.3242



91.8468, 0.3115, 0.3250



19.6942, 0.3099, 0.3245



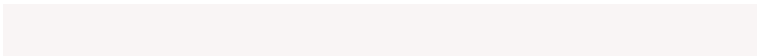
3.7548, 0.1504, 0.0614



0.3695, 0.1513, 0.0648

Inverse Universe

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



91.9974, 0.3153, 0.3289



96.4723, 0.3159, 0.3289



94.1271, 0.3139, 0.3330



19.8041, 0.3157, 0.3289



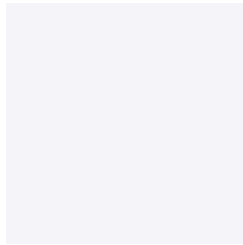
10.7900, 0.6377, 0.3287



1.0015, 0.6319, 0.3255

Previews

White Background



This preview shows how the Yxy color 91.5568, 0.3103, 0.3251 looks on a white background.

Color Contrast Check

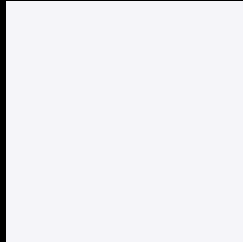
Large Text (above 18pt) WCAG AA × Fail

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 91.5568, 0.3103, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

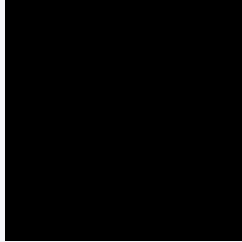
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

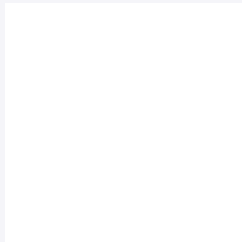
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.5568, 0.3103, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 91.5568, 0.3103, 0.3251.

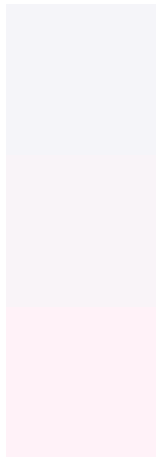


This preview shows how white text looks on a background with the Yxy color 91.5568, 0.3103, 0.3251.

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

91.5568, 0.3103, 0.3251

Protanopia

91.6184, 0.3135, 0.3251

Deuteranopia

91.5416, 0.3176, 0.3232

Tritanopia

91.5142, 0.3075, 0.3183

Trichromacy



Original Color

91.5568, 0.3103, 0.3251

Protanomaly

91.4351, 0.3129, 0.3251

Deuteranomaly

91.3877, 0.3149, 0.3241

Tritanomaly

91.3860, 0.3086, 0.3202

Monochromacy



Original Color

91.5568, 0.3103, 0.3251

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3711, 0.3121, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.5568, 0.3103, 0.3251 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(245, 245, 249)` looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 249)  
}
```

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(245, 245, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 249) }
```

Border

The CSS property to change the border of an element to Yxy 91.5568, 0.3103, 0.3251 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(245, 245, 249) }
```

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

```
.border{ border-color:rgb(245, 245, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 245, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 249);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
249) }
```

Background

The CSS property to change the background color of an element to Yxy 91.5568, 0.3103, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 249) }
```

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

```
.background{ background-color: rgb(245,  
245, 249) }
```

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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