

Converting Colors

$Y_{xy}(103.2603, 0.2422, 0.2072)$

Have a look what the booklet for
Yxy(103.2603, 0.2422, 0.2072)
contains.

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Color

Yxy(90.4546, 0.3101, 0.3154)

Conversions

Conversions Part 1

Format	Color
Hex	FAF1FF
RGB	250, 241, 255
RGB Percent	98%, 95%, 100%
CMY	0.0196, 0.0549, 0.0000
CMYK	0.02, 0.05, 0.00, 0.00
HSL	279°, 100%, 97%
HSV	279°, 5%, 100%
XYZ	88.9346, 90.4546, 107.4041
YIQ	245.2870, 0.8700, 6.2620

Conversions

Conversions Part 2

Format	Color
R _Y B	250, 241, 255
Decimal	16445951
CIE Lab	96.19, 5.49, -5.67
CIE LCh	96, 7.889, 314.073
Yxy	90.4546, 0.3101, 0.3154
Android (android.graphics.Color)	4294636031 (0xFFFAF1FF)
YUV	245.2870, 4.7885, 4.1333
Hunter-Lab	95.1076, 0.4760, -0.3803

Details

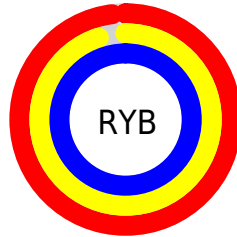
The Yxy color 90.4546, 0.3101, 0.3154 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.4628, 0.3152, 0.3427, and the grayscale version is 91.5153, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.2445, 0.3102, 0.3130 is the 20% darker color. If you saturate the color by 10%, you get 74.7615, 0.3047, 0.2894, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

Distribution



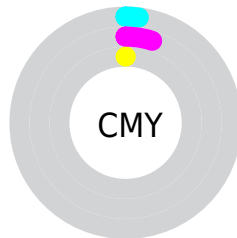
- Red (98%)
- Green (95%)
- Blue (100%)



- Red (98%)
- Yellow (95%)
- Blue (100%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.4546, 0.3101, 0.3154 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 90.4546, 0.3101, 0.3154 by changing the saturation by 10% instead.


 90.4546, 0.3101,
0.3154

 90.4546, 0.3101,
0.3154


529.5085, 0.3113,
0.3214

 68.3577, 0.3098,
0.3141


147.9697, 0.3105,
0.3174

 50.1888, 0.3095,
0.3125


184.1567, 0.3107,
0.3182

 35.5635, 0.3091,
0.3105


225.8093, 0.3108,
0.3189

 24.0972, 0.3086,
0.3081

273.3117, 0.3109,
0.3195

 15.4058, 0.3079,
0.3048

327.0485, 0.3110,
0.3201

 9.1047, 0.3069,
0.3003

387.4039, 0.3111,

 4.8095, 0.3054,

0.3206

0.2939

454.7625, 0.3112,
0.3210

■ 2.1359, 0.3029,
0.2836

■ 0.6847, 0.2993,
0.2611

■ 90.4546, 0.3101,
0.3154

■ 90.4546, 0.3101,
0.3154

■ 74.7615, 0.3047,
0.2894

100.0000, 0.3127,
0.3290

■ 61.1722, 0.2983,
0.2619

■ 49.5939, 0.2909,
0.2336

■ 39.9249, 0.2826,
0.2055

■ 32.0542, 0.2736,
0.1788

■ 25.8591, 0.2640,
0.1546

■ 21.2009, 0.2541,
0.1343

■ 17.9182, 0.2445,
0.1187

■ 15.8113, 0.2353,
0.1083

Harmonies

Analogous

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



90.4546, 0.3020, 0.3140



90.4546, 0.3101, 0.3154



90.4546, 0.3190, 0.3203

Triad

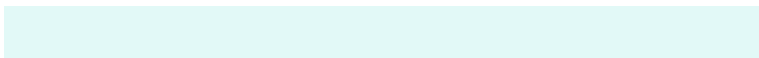
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.4546, 0.3101, 0.3154



90.4546, 0.3289, 0.3414



90.4546, 0.2993, 0.3303

Complementary

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



90.4546, 0.3101, 0.3154



97.4628, 0.3152, 0.3427

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.



90.4546, 0.3063, 0.3379



90.4546, 0.3101, 0.3154



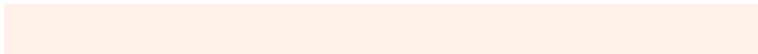
90.4546, 0.3234, 0.3444

Square

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



90.4546, 0.3101, 0.3154



90.4546, 0.3300, 0.3352



90.4546, 0.3152, 0.3431



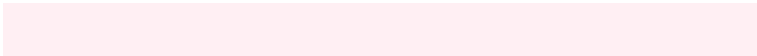
90.4546, 0.2958, 0.3224

Rectangle

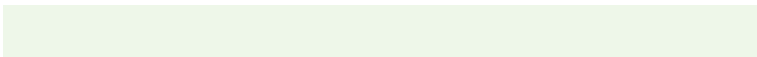
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



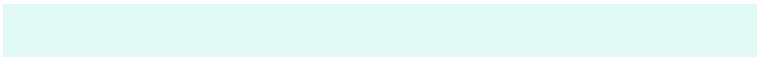
90.4546, 0.3101, 0.3154



90.4546, 0.3242, 0.3250



90.4546, 0.3152, 0.3431



90.4546, 0.3013, 0.3330

Sweetspot

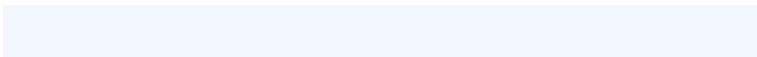
The Sweet Spot groups the original color and five complimentary colors.



90.4565, 0.3101, 0.3154



96.4457, 0.3118, 0.3241



91.9142, 0.3043, 0.3203



20.6806, 0.3118, 0.3244



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.



90.4565, 0.3101, 0.3154



87.9476, 0.3094, 0.3116



91.2717, 0.3145, 0.3173



18.6128, 0.3090, 0.3101



7.9857, 0.2327, 0.1056



0.8389, 0.2428, 0.1111

Inverse Universe

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



90.8248, 0.3188, 0.3242



88.4176, 0.3207, 0.3228



96.6841, 0.3110, 0.3409



18.7221, 0.3214, 0.3223



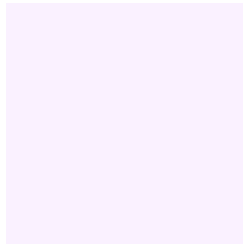
11.5289, 0.5557, 0.2835



1.1425, 0.5243, 0.2662

Previews

White Background



This preview shows how the Yxy color 90.4546, 0.3101, 0.3154 looks on a white background.

Color Contrast Check

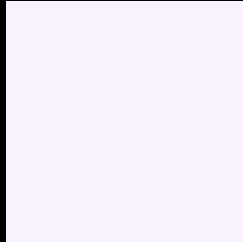
Large Text (above 18pt) WCAG AA × Fail

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 90.4546, 0.3101, 0.3154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

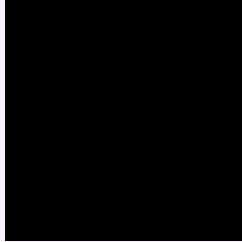
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 90.4546, 0.3101, 0.3154

Background



This preview shows how black text looks on a background with the Yxy color 90.4546, 0.3101, 0.3154.



This preview shows how white text looks on a background with the Yxy color 90.4546, 0.3101, 0.3154.

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

90.4546, 0.3101, 0.3154

Protanopia

90.7337, 0.3069, 0.3173

Deuteranopia

90.5452, 0.3158, 0.3184



Tritanopia

90.2703, 0.3095, 0.3154

Trichromacy



Original Color

90.4546, 0.3101, 0.3154

Protanomaly

90.4984, 0.3082, 0.3163

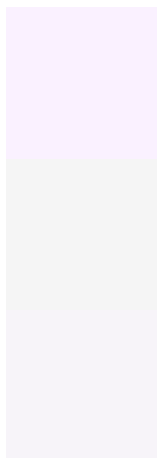
Deuteranomaly

90.2311, 0.3139, 0.3174

Tritanomaly

90.2703, 0.3095, 0.3154

Monochromacy



Original Color

90.4546, 0.3101, 0.3154

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.3151, 0.3117, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.4546, 0.3101, 0.3154 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 $rgb(250, 241, 255)$ looks like.

```
.text, #text, p{  
    color:rgb(250, 241, 255)  
}
```

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(250, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 241, 255) }
```

Border

The CSS property to change the border of an element to Yxy 90.4546, 0.3101, 0.3154 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(250, 241, 255) }
```

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

```
.border{ border-color:rgb(250, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 241,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 90.4546, 0.3101, 0.3154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 241, 255) }
```

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

```
.background{ background-color: rgb(250,  
241, 255) }
```

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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