

Converting Colors

$Yxy(91.2894, 0.3105, 0.3196)$

Have a look what the booklet for
Yxy(91.2894, 0.3105, 0.3196)
contains.

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Color

Yxy(91.3328, 0.3106, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	F9F3FD
RGB	249, 243, 253
RGB Percent	98%, 95%, 99%
CMY	0.0235, 0.0470, 0.0079
CMYK	0.02, 0.04, 0.00, 0.01
HSL	276°, 71%, 97%
HSV	276°, 4%, 99%
XYZ	88.8442, 91.3328, 105.8637
YIQ	245.9340, 0.3660, 4.3820

Conversions

Conversions Part 2

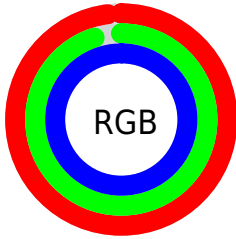
Format	Color
R _Y B	249, 243, 253
Decimal	16380925
CIE Lab	96.55, 3.76, -4.09
CIE LCh	97, 5.555, 312.623
Yxy	91.3328, 0.3106, 0.3193
Android (android.graphics.Color)	4294571005 (0xFFFF9F3FD)
YUV	245.9340, 3.4835, 2.6889
Hunter-Lab	95.5682, -1.3032, 1.2205

Details

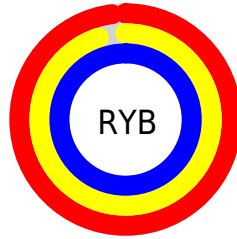
The Yxy color 91.3328, 0.3106, 0.3193 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 96.4888, 0.3148, 0.3387, and the grayscale version is 92.0757, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 50.8636, 0.3108, 0.3179 is the 20% darker color. If you saturate the color by 10%, you get 75.4134, 0.3045, 0.2934, and if you desaturate by 10%, it is 99.8711, 0.3139, 0.3309.

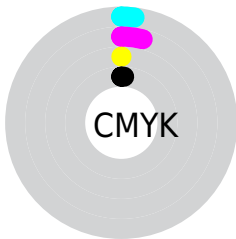
Distribution



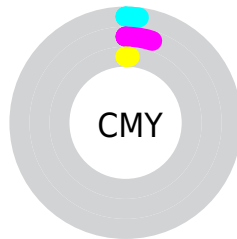
- Red (98%)
- Green (95%)
- Blue (99%)



- Red (98%)
- Yellow (95%)
- Blue (99%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)




- Cyan (2%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.3328, 0.3106, 0.3193 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 91.3328, 0.3106, 0.3193 by changing the saturation by 10% instead.

 91.3328, 0.3106,
0.3193

 91.3328, 0.3106,
0.3193


532.3569, 0.3116,
0.3236

 69.0866, 0.3104,
0.3184


149.1883, 0.3109,
0.3208

 50.7822, 0.3101,
0.3172


185.5665, 0.3111,
0.3213

 36.0353, 0.3098,
0.3158


227.4240, 0.3112,
0.3218

 24.4615, 0.3094,
0.3140

275.1454, 0.3113,
0.3223

 15.6763, 0.3088,
0.3117

329.1149, 0.3113,
0.3227

 9.2954, 0.3081,
0.3085

389.7171, 0.3114,

 4.9344, 0.3069,

0.3230

0.3038

457.3363, 0.3115,
0.3233

■ 2.2088, 0.3050,
0.2964

■ 0.7248, 0.3021,
0.2804

■ 91.3328, 0.3106,
0.3193

■ 91.3328, 0.3106,
0.3193

■ 75.4134, 0.3045,
0.2934

99.8711, 0.3139,
0.3309

■ 61.5901, 0.2974,
0.2659

■ 49.7747, 0.2892,
0.2373

■ 39.8681, 0.2800,
0.2085

■ 31.7624, 0.2699,
0.1807

■ 25.3388, 0.2592,
0.1552

■ 20.4636, 0.2482,
0.1334

■ 16.9819, 0.2374,
0.1163

■ 14.7049, 0.2273,
0.1045

Harmonies

Analogous

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



91.3328, 0.3049, 0.3184



91.3328, 0.3106, 0.3193



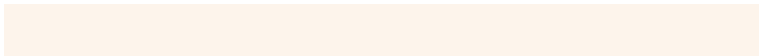
91.3328, 0.3169, 0.3227

Triad

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



91.3328, 0.3106, 0.3193



91.3328, 0.3242, 0.3376



91.3328, 0.3035, 0.3302

Complementary

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



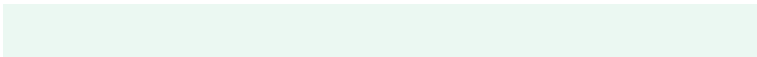
91.3328, 0.3106, 0.3193



96.4888, 0.3148, 0.3387

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.



91.3328, 0.3085, 0.3355



91.3328, 0.3106, 0.3193



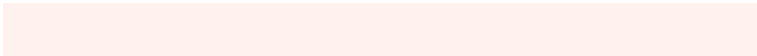
91.3328, 0.3205, 0.3397

Square

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



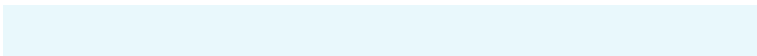
91.3328, 0.3106, 0.3193



91.3328, 0.3247, 0.3332



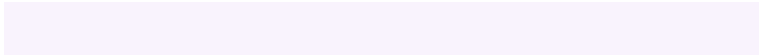
91.3328, 0.3148, 0.3390



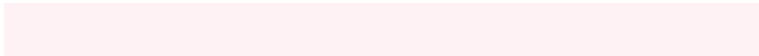
91.3328, 0.3009, 0.3247

Rectangle

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



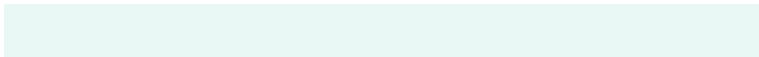
91.3328, 0.3106, 0.3193



91.3328, 0.3206, 0.3259



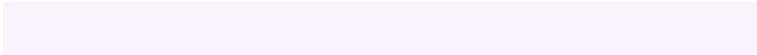
91.3328, 0.3148, 0.3390



91.3328, 0.3049, 0.3321

Sweetspot

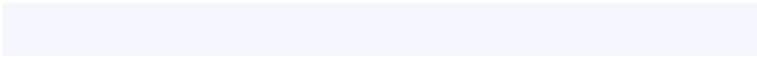
The Sweet Spot groups the original color and five complimentary colors.



91.3367, 0.3106, 0.3193



98.1909, 0.3122, 0.3266



92.6692, 0.3067, 0.3231



21.0360, 0.3122, 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.



91.3367, 0.3106, 0.3193



91.1789, 0.3100, 0.3167



92.0145, 0.3138, 0.3203



19.2603, 0.3096, 0.3149



7.4016, 0.2230, 0.1002



0.7843, 0.2339, 0.1062

Inverse Universe

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



91.7022, 0.3168, 0.3251



91.6502, 0.3179, 0.3241



95.8314, 0.3117, 0.3378



19.3752, 0.3187, 0.3234



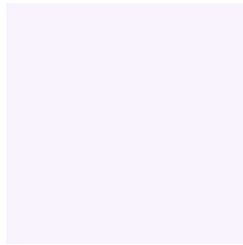
11.6374, 0.5384, 0.2740



1.1540, 0.5083, 0.2574

Previews

White Background



This preview shows how the Yxy color 91.3328, 0.3106, 0.3193 looks on a white background.

Color Contrast Check

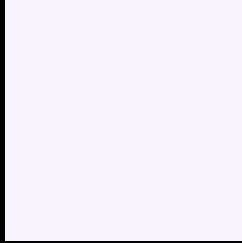
Large Text (above 18pt) WCAG AA × Fail

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 91.3328, 0.3106, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

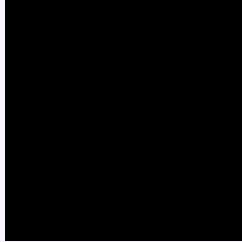
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

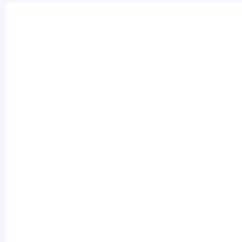
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.3328, 0.3106, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 91.3328, 0.3106, 0.3193.

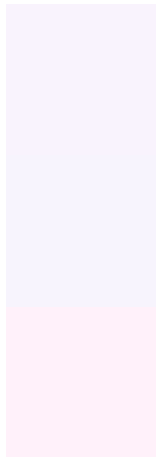


This preview shows how white text looks on a background with the Yxy color 91.3328, 0.3106, 0.3193.

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

91.3328, 0.3106, 0.3193

Protanopia

91.5674, 0.3093, 0.3202

Deuteranopia

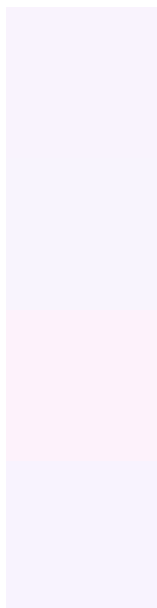
91.0727, 0.3164, 0.3203



Tritanopia

91.2776, 0.3088, 0.3173

Trichromacy



Original Color

91.3328, 0.3106, 0.3193

Protanomaly

91.7497, 0.3099, 0.3202

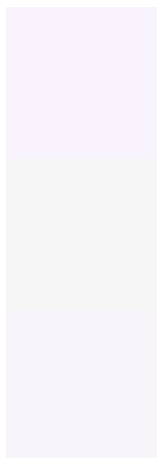
Deuteranomaly

91.3519, 0.3144, 0.3203

Tritanomaly

91.2134, 0.3094, 0.3183

Monochromacy



Original Color

91.3328, 0.3106, 0.3193

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.9185, 0.3116, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.3328, 0.3106, 0.3193 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(249, 243, 253)` looks like.

```
.text, #text, p{  
    color:rgb(249, 243, 253)  
}
```

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(249, 243, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 243, 253) }
```

Border

The CSS property to change the border of an element to Yxy 91.3328, 0.3106, 0.3193 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(249, 243, 253) }
```

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

```
.border{ border-color:rgb(249, 243, 253) }
```

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

Here you see how a box with a 4 pixel rgb(249, 243, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 243, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 243, 253);  
box-shadow:4px 4px 4px 4px rgb(249, 243,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3328, 0.3106, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 243, 253) }
```

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

```
.background{ background-color: rgb(249,  
243, 253) }
```

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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