

Converting Colors

Yxy(91.6410, 0.3108, 0.3209)

Have a look what the booklet for
Yxy(91.6410, 0.3108, 0.3209)
contains.

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Color

Yxy(91.8694, 0.3112, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	F9F4FC
RGB	249, 244, 252
RGB Percent	98%, 96%, 99%
CMY	0.0232, 0.0432, 0.0117
CMYK	0.01, 0.03, 0.00, 0.01
HSL	278°, 57%, 97%
HSV	278°, 3%, 99%
XYZ	89.0092, 91.8694, 105.1407
YIQ	246.4070, 0.4120, 3.5480

Conversions

Conversions Part 2

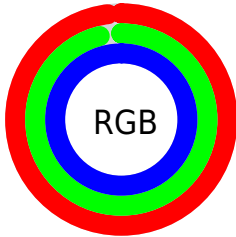
Format	Color
R _Y B	249, 244, 252
Decimal	16381180
CIE Lab	96.77, 3.12, -3.26
CIE LCh	97, 4.507, 313.739
Yxy	91.8694, 0.3112, 0.3212
Android (android.graphics.Color)	4294571260 (0xFFFF9F4FC)
YUV	246.4070, 2.7573, 2.2741
Hunter-Lab	95.8485, -1.9719, 2.0560

Details

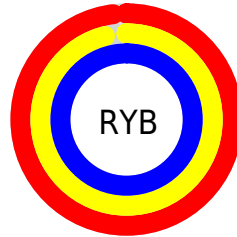
The Yxy color 91.8694, 0.3112, 0.3212 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 95.9132, 0.3142, 0.3368, and the grayscale version is 92.4933, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.2440, 0.3115, 0.3203 is the 20% darker color. If you saturate the color by 10%, you get 76.0825, 0.3058, 0.2955, and if you desaturate by 10%, it is 99.8087, 0.3144, 0.3319.

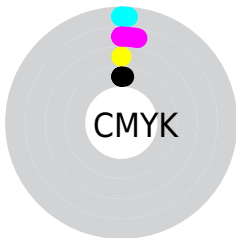
Distribution



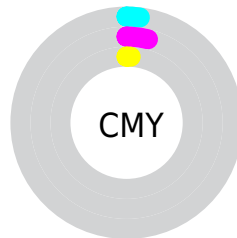
- Red (98%)
- Green (96%)
- Blue (99%)



- Red (98%)
- Yellow (96%)
- Blue (99%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (1%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.8694, 0.3112, 0.3212 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 91.8694, 0.3112, 0.3212 by changing the saturation by 10% instead.

 91.8694, 0.3112,
0.3212

 91.8694, 0.3112,
0.3212

534.0934, 0.3119,
0.3247

 69.5322, 0.3110,
0.3204

149.9324, 0.3114,
0.3224

 51.1452, 0.3109,
0.3195


186.4269, 0.3115,
0.3228

 36.3242, 0.3106,
0.3184


228.4093, 0.3116,
0.3232

 24.6847, 0.3103,
0.3170

276.2640, 0.3117,
0.3236

 15.8423, 0.3099,
0.3151

330.3753, 0.3117,
0.3239

 9.4126, 0.3094,
0.3125

391.1277, 0.3118,

 5.0113, 0.3086,

0.3242

0.3087

458.9056, 0.3118,
0.3244

■ 2.2539, 0.3072,
0.3028

■ 0.7491, 0.3051,
0.2901

■ 91.8694, 0.3112,
0.3212

■ 91.8694, 0.3112,
0.3212

■ 76.0825, 0.3058,
0.2955

99.8087, 0.3144,
0.3319

■ 62.3629, 0.2995,
0.2683

■ 50.6240, 0.2922,
0.2401

■ 40.7687, 0.2839,
0.2118

■ 32.6913, 0.2748,
0.1844

■ 26.2754, 0.2651,
0.1594

■ 21.3904, 0.2550,
0.1379

■ 17.8852, 0.2451,
0.1211

■ 15.5767, 0.2356,
0.1093

Harmonies

Analogous

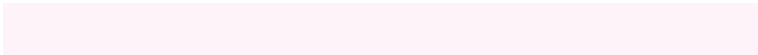
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8694, 0.3066, 0.3204



91.8694, 0.3112, 0.3212



91.8694, 0.3163, 0.3240

Triad

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



91.8694, 0.3112, 0.3212



91.8694, 0.3219, 0.3361



91.8694, 0.3051, 0.3298

Complementary

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



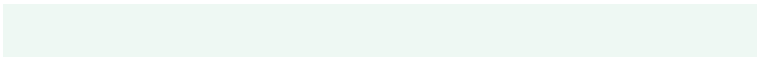
91.8694, 0.3112, 0.3212



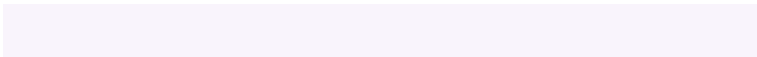
95.9132, 0.3142, 0.3368

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.



91.8694, 0.3092, 0.3341



91.8694, 0.3112, 0.3212



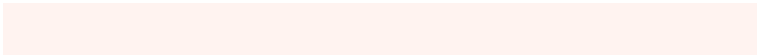
91.8694, 0.3189, 0.3377

Square

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



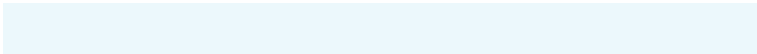
91.8694, 0.3112, 0.3212



91.8694, 0.3225, 0.3326



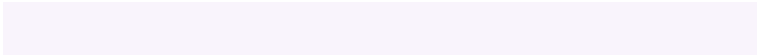
91.8694, 0.3142, 0.3370



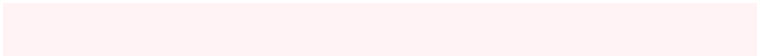
91.8694, 0.3031, 0.3254

Rectangle

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



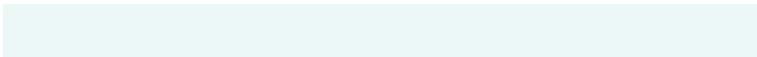
91.8694, 0.3112, 0.3212



91.8694, 0.3192, 0.3267



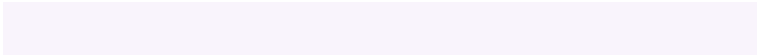
91.8694, 0.3142, 0.3370



91.8694, 0.3063, 0.3313

Sweetspot

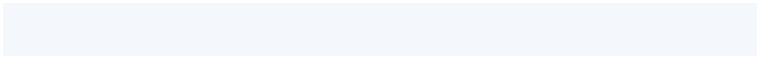
The Sweet Spot groups the original color and five complimentary colors.



91.8733, 0.3112, 0.3212



98.2077, 0.3122, 0.3266



92.7338, 0.3079, 0.3240



21.0394, 0.3123, 0.3267



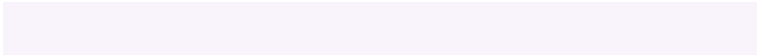
0.0000, 0.0000, 0.0000



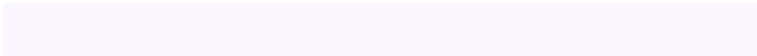
21.4041, 0.3127, 0.3290

Same Dimension

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



91.8733, 0.3112, 0.3212



92.9648, 0.3108, 0.3192



92.3482, 0.3137, 0.3223



18.7890, 0.3104, 0.3173



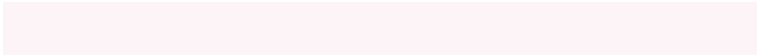
7.6432, 0.2309, 0.1046



0.7679, 0.2416, 0.1105

Inverse Universe

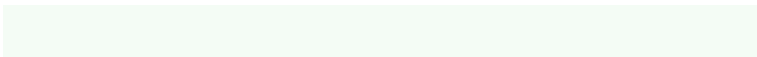
The Inverse Universe completely reimagines the original color for something new.



92.0970, 0.3161, 0.3262



93.2536, 0.3171, 0.3254



95.4505, 0.3117, 0.3358



18.8592, 0.3179, 0.3248



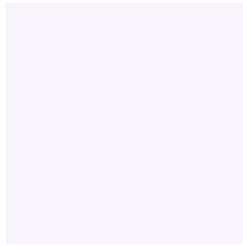
11.2083, 0.5523, 0.2816



1.0577, 0.5196, 0.2636

Previews

White Background



This preview shows how the Yxy color 91.8694, 0.3112, 0.3212 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 91.8694, 0.3112, 0.3212 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

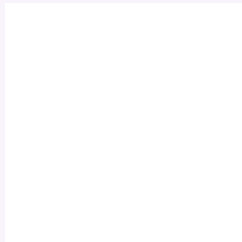
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.8694, 0.3112, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 91.8694, 0.3112, 0.3212.

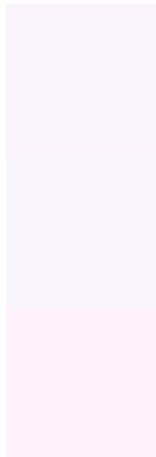


This preview shows how white text looks on a background with the Yxy color 91.8694, 0.3112, 0.3212.

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

91.8694, 0.3112, 0.3212

Protanopia

91.6861, 0.3105, 0.3212

Deuteranopia

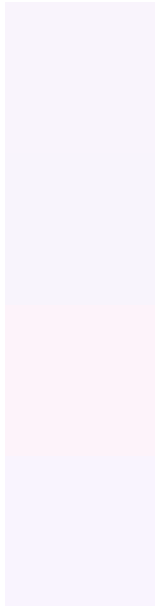
91.6038, 0.3169, 0.3223



Tritanopia

92.0611, 0.3094, 0.3183

Trichromacy



Original Color

91.8694, 0.3112, 0.3212

Protanomaly

91.6861, 0.3105, 0.3212

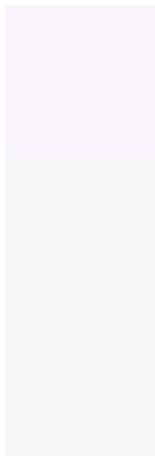
Deuteranomaly

91.8860, 0.3150, 0.3222

Tritanomaly

91.9969, 0.3100, 0.3193

Monochromacy



Original Color

91.8694, 0.3112, 0.3212

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

91.8563, 0.3122, 0.3261

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8694, 0.3112, 0.3212 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, 244, 252) looks like.

```
.text, #text, p{  
    color:rgb(249, 244, 252)  
}
```

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, 244, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 244, 252) }
```

Border

The CSS property to change the border of an element to Yxy 91.8694, 0.3112, 0.3212 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, 244, 252) }
```

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

```
.border{ border-color:rgb(249, 244, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 244, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 244, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 244, 252);  
box-shadow:4px 4px 4px 4px rgb(249, 244,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8694, 0.3112, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 244, 252) }
```

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

```
.background{ background-color: rgb(249,  
244, 252) }
```

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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