

Converting Colors

$Y_{xy}(92.0166, 0.3113, 0.3174)$

Have a look what the booklet for
Yxy(92.0166, 0.3113, 0.3174)
contains.

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Color

Yxy(92.0166, 0.3113, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	FCF3FF
RGB	252, 243, 255
RGB Percent	99%, 95%, 100%
CMY	0.0118, 0.0470, 0.0000
CMYK	0.01, 0.05, 0.00, 0.00
HSL	285°, 100%, 98%
HSV	285°, 5%, 100%
XYZ	90.2482, 92.0166, 107.6426
YIQ	247.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

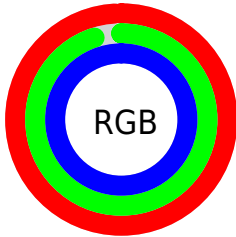
Format	Color
R _Y B	252, 243, 255
Decimal	16577535
CIE Lab	96.83, 5.12, -4.71
CIE LCh	97, 6.953, 317.376
Yxy	92.0166, 0.3113, 0.3174
Android (android.graphics.Color)	4294767615 (0xFFFCF3FF)
YUV	247.0590, 3.9149, 4.3333
Hunter-Lab	95.9253, 0.0666, 0.6154

Details

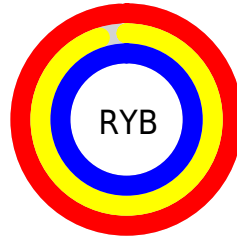
The Yxy color 92.0166, 0.3113, 0.3174 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.5859, 0.3140, 0.3407, and the grayscale version is 93.0289, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.2200, 0.3109, 0.3155 is the 20% darker color. If you saturate the color by 10%, you get 76.6276, 0.3079, 0.2918, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

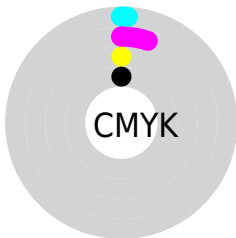
Distribution



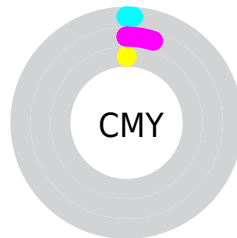
- Red (99%)
- Green (95%)
- Blue (100%)



- Red (99%)
- Yellow (95%)
- Blue (100%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.0166, 0.3113, 0.3174 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 92.0166, 0.3113, 0.3174 by changing the saturation by 10% instead.


 92.0166, 0.3113,
0.3174

 92.0166, 0.3113,
0.3174


534.5692, 0.3120,
0.3225

 69.6544, 0.3112,
0.3163

150.1364, 0.3115,
0.3191

 51.2449, 0.3110,
0.3149

186.6628, 0.3116,
0.3198

 36.4035, 0.3107,
0.3133


228.6794, 0.3117,
0.3204

 24.7460, 0.3105,
0.3112

276.5706, 0.3118,
0.3209

 15.8879, 0.3101,
0.3084

330.7208, 0.3118,
0.3214

 9.4449, 0.3095,
0.3046

391.5143, 0.3119,

 5.0325, 0.3087,

0.3218

0.2992

459.3357, 0.3119,
0.3222

■ 2.2663, 0.3073,
0.2906

■ 0.7558, 0.3051,
0.2735

■ 92.0166, 0.3113,
0.3174

■ 92.0166, 0.3113,
0.3174

■ 76.6276, 0.3079,
0.2918

100.0000, 0.3127,
0.3290

■ 63.3096, 0.3038,
0.2650

■ 51.9707, 0.2990,
0.2379

■ 42.5107, 0.2935,
0.2112

■ 34.8202, 0.2874,
0.1861

■ 28.7782, 0.2808,
0.1638

■ 24.2485, 0.2740,
0.1453

■ 21.0726, 0.2672,
0.1314

■ 19.0557, 0.2605,
0.1223

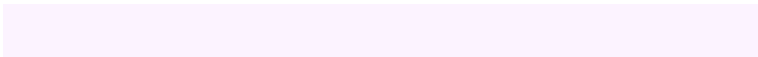
Harmonies

Analogous

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



92.0166, 0.3040, 0.3158



92.0166, 0.3113, 0.3174



92.0166, 0.3191, 0.3220

Triad

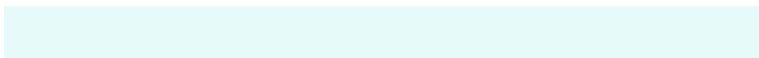
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.0166, 0.3113, 0.3174



92.0166, 0.3265, 0.3403



92.0166, 0.3004, 0.3294

Complementary

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



92.0166, 0.3113, 0.3174



97.5859, 0.3140, 0.3407

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.



92.0166, 0.3063, 0.3362



92.0166, 0.3113, 0.3174



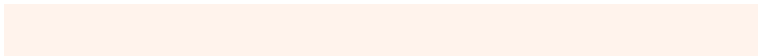
92.0166, 0.3214, 0.3425

Square

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



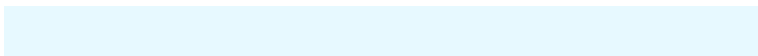
92.0166, 0.3113, 0.3174



92.0166, 0.3279, 0.3352



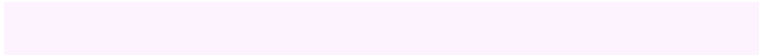
92.0166, 0.3140, 0.3410



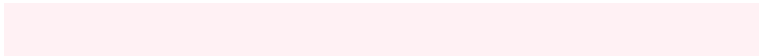
92.0166, 0.2978, 0.3226

Rectangle

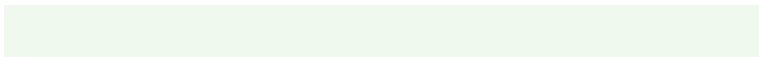
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.0166, 0.3113, 0.3174



92.0166, 0.3234, 0.3262



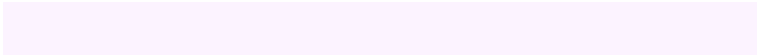
92.0166, 0.3140, 0.3410



92.0166, 0.3021, 0.3317

Sweetspot

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



92.0181, 0.3113, 0.3174



98.2628, 0.3124, 0.3266



92.3106, 0.3055, 0.3204



21.0506, 0.3124, 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.



92.0181, 0.3113, 0.3174



89.9039, 0.3109, 0.3142



92.4047, 0.3149, 0.3202



19.0179, 0.3107, 0.3125



9.6420, 0.2581, 0.1195



0.9903, 0.2655, 0.1236

Inverse Universe

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



92.0181, 0.3187, 0.3261



89.9070, 0.3205, 0.3253



97.2172, 0.3106, 0.3380



19.0191, 0.3214, 0.3249



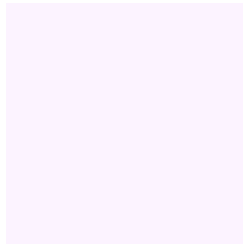
11.3215, 0.5934, 0.3043



1.1190, 0.5619, 0.2869

Previews

White Background



This preview shows how the Yxy color 92.0166, 0.3113, 0.3174 looks on a white background.

Color Contrast Check

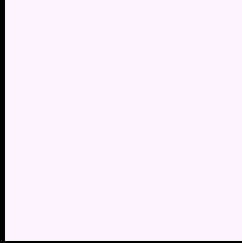
Large Text (above 18pt) WCAG AA × Fail

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 92.0166, 0.3113, 0.3174 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 92.0166, 0.3113, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 92.0166, 0.3113, 0.3174.



This preview shows how white text looks on a background with the Yxy color 92.0166, 0.3113, 0.3174.

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

92.0166, 0.3113, 0.3174

Protanopia

92.2990, 0.3081, 0.3193

Deuteranopia

91.7293, 0.3157, 0.3203



Tritanopia

92.2454, 0.3100, 0.3184

Trichromacy



Original Color

92.0166, 0.3113, 0.3174

Protanomaly

92.0611, 0.3094, 0.3183

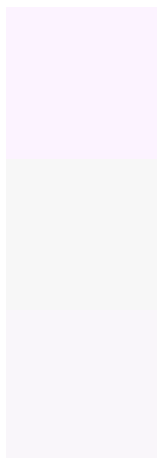
Deuteranomaly

91.6034, 0.3145, 0.3194

Tritanomaly

92.4306, 0.3106, 0.3184

Monochromacy



Original Color

92.0166, 0.3113, 0.3174

Achromatopsia

93.0111, 0.3127, 0.3290

Achromatomaly

92.9534, 0.3123, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.0166, 0.3113, 0.3174 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(252, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 243, 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(252, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 243, 255) }
```

Border

The CSS property to change the border of an element to Yxy 92.0166, 0.3113, 0.3174 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(252, 243, 255) }
```

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

```
.border{ border-color:rgb(252, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 243,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 92.0166, 0.3113, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 243, 255) }
```

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

```
.background{ background-color: rgb(252,  
243, 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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