

Converting Colors

$Y_{xy}(97.7277, 0.3292, 0.3226)$

Have a look what the booklet for
Yxy(97.7277, 0.3292, 0.3226)
contains.

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Color

Yxy(93.5931, 0.3150, 0.3223)

Conversions

Conversions Part 1

Format	Color
Hex	FFF5FC
RGB	255, 245, 252
RGB Percent	100%, 96%, 99%
CMY	0.0000, 0.0392, 0.0118
CMYK	0.00, 0.04, 0.01, 0.00
HSL	318°, 100%, 98%
HSV	318°, 4%, 100%
XYZ	91.4732, 93.5931, 105.3249
YIQ	248.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 245, 252
Decimal	16774652
CIE Lab	97.47, 4.57, -2.16
CIE LCh	97, 5.054, 334.659
Yxy	93.5931, 0.3150, 0.3223
Android (android.graphics.Color)	4294964732 (0xFFFFF5FC)
YUV	248.7880, 1.5835, 5.4479
Hunter-Lab	96.7435, -0.5253, 3.1713

Details

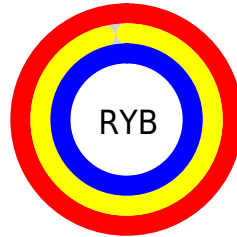
The Yxy color 93.5931, 0.3150, 0.3223 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.7092, 0.3105, 0.3358, and the grayscale version is 94.5272, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 52.3411, 0.3155, 0.3217 is the 20% darker color. If you saturate the color by 10%, you get 78.7308, 0.3214, 0.3046, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

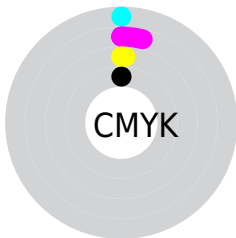
Distribution



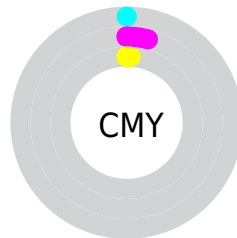
- Red (100%)
- Green (96%)
- Blue (99%)



- Red (100%)
- Yellow (96%)
- Blue (99%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.5931, 0.3150, 0.3223 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 93.5931, 0.3150, 0.3223 by changing the saturation by 10% instead.


 93.5931, 0.3150,
0.3223

 93.5931, 0.3150,
0.3223

539.6511, 0.3140,
0.3253

 70.9646, 0.3152,
0.3217


152.3195, 0.3147,
0.3233

 52.3133, 0.3155,
0.3209


189.1861, 0.3145,
0.3237

 37.2548, 0.3158,
0.3199


231.5676, 0.3144,
0.3240

 25.4049, 0.3162,
0.3187

279.8483, 0.3143,
0.3243

 16.3790, 0.3167,
0.3171

334.4126, 0.3142,
0.3246

 9.7927, 0.3175,
0.3149

395.6449, 0.3141,

 5.2617, 0.3185,

0.3248

0.3118

463.9296, 0.3141,
0.3251

■ 2.4016, 0.3202,
0.3068

■ 0.8267, 0.3233,
0.2975

■ 93.5931, 0.3150,
0.3223

■ 93.5931, 0.3150,
0.3223

■ 78.7308, 0.3214,
0.3046

100.0000, 0.3127,
0.3290

■ 65.9325, 0.3290,
0.2864

■ 55.1009, 0.3378,
0.2680

■ 46.1363, 0.3479,
0.2502

■ 38.9302, 0.3591,
0.2340

■ 33.3630, 0.3713,
0.2204

■ 29.3000, 0.3841,
0.2106

■ 26.5849, 0.3971,
0.2055

■ 25.0268, 0.4098,
0.2054

Harmonies

Analogous

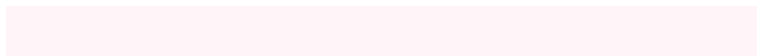
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.5931, 0.3093, 0.3198



93.5931, 0.3150, 0.3223



93.5931, 0.3201, 0.3266

Triad

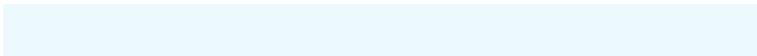
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.5931, 0.3150, 0.3223



93.5931, 0.3208, 0.3384



93.5931, 0.3024, 0.3264

Complementary

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



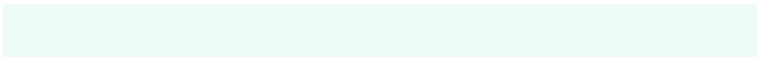
93.5931, 0.3150, 0.3223



97.7092, 0.3105, 0.3358

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.



93.5931, 0.3054, 0.3314



93.5931, 0.3150, 0.3223



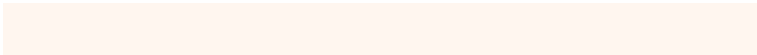
93.5931, 0.3160, 0.3384

Square

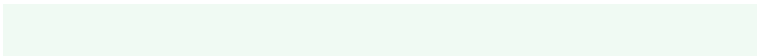
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



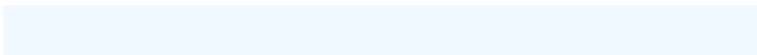
93.5931, 0.3150, 0.3223



93.5931, 0.3235, 0.3359



93.5931, 0.3104, 0.3359



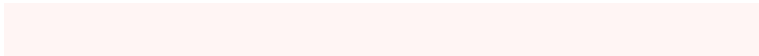
93.5931, 0.3021, 0.3221

Rectangle

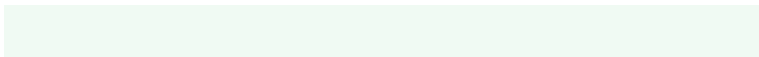
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



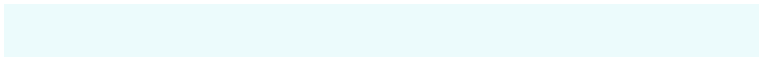
93.5931, 0.3150, 0.3223



93.5931, 0.3224, 0.3299



93.5931, 0.3104, 0.3359



93.5931, 0.3031, 0.3280

Sweetspot

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



93.5882, 0.3150, 0.3223



98.3344, 0.3133, 0.3273



92.4766, 0.3087, 0.3193



21.0652, 0.3132, 0.3274



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.



93.5882, 0.3150, 0.3223



91.8881, 0.3156, 0.3204



93.2761, 0.3180, 0.3271



19.4330, 0.3160, 0.3192



12.8191, 0.4154, 0.2062



1.2675, 0.4020, 0.1988

Inverse Universe

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



93.5882, 0.3150, 0.3223



91.8881, 0.3156, 0.3204



98.0231, 0.3077, 0.3309



19.4330, 0.3160, 0.3192



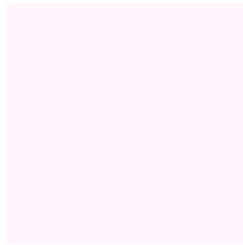
12.8191, 0.4154, 0.2062



1.2675, 0.4020, 0.1988

Previews

White Background



This preview shows how the Yxy color 93.5931, 0.3150, 0.3223 looks on a white background.

Color Contrast Check

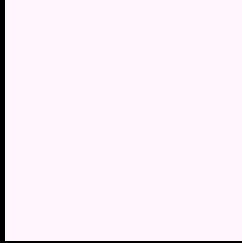
Large Text (above 18pt) WCAG AA × Fail

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 93.5931, 0.3150, 0.3223 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

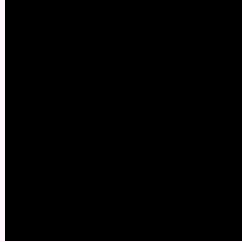
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.5931, 0.3150, 0.3223

Background



This preview shows how black text looks on a background with the Yxy color 93.5931, 0.3150, 0.3223.



This preview shows how white text looks on a background with the Yxy color 93.5931, 0.3150, 0.3223.

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

93.5931, 0.3150, 0.3223

Protanopia

93.3274, 0.3111, 0.3222

Deuteranopia

93.4044, 0.3168, 0.3252



Tritanopia

93.8270, 0.3112, 0.3203

Trichromacy



Original Color

93.5931, 0.3150, 0.3223

Protanomaly

93.6988, 0.3124, 0.3223

Deuteranomaly

93.4669, 0.3162, 0.3242

Tritanomaly

93.9499, 0.3124, 0.3213

Monochromacy



Original Color

93.5931, 0.3150, 0.3223

Achromatopsia

94.7307, 0.3127, 0.3290

Achromatomaly

94.5462, 0.3134, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.5931, 0.3150, 0.3223 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(255, 245, 252) looks like.

```
.text, #text, p{  
    color:rgb(255, 245, 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(255, 245, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 245, 252) }
```

Border

The CSS property to change the border of an element to Yxy 93.5931, 0.3150, 0.3223 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(255, 245, 252) }
```

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

```
.border{ border-color:rgb(255, 245, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 245, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 245, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 245, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 245,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 93.5931, 0.3150, 0.3223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 245, 252) }
```

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

```
.background{ background-color: rgb(255,  
245, 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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