

Converting Colors

$Y_{xy}(100.5283, 0.3392, 0.3216)$

Have a look what the booklet for
Yxy(100.5283, 0.3392, 0.3216)
contains.

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Color

Yxy(92.9896, 0.3150, 0.3213)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4FC
RGB	255, 244, 252
RGB Percent	100%, 96%, 99%
CMY	0.0000, 0.0431, 0.0117
CMYK	0.00, 0.04, 0.01, 0.00
HSL	316°, 100%, 98%
HSV	316°, 4%, 100%
XYZ	91.1663, 92.9896, 105.2609
YIQ	248.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

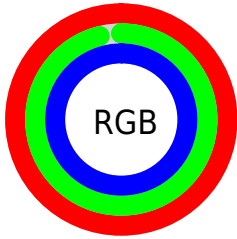
Format	Color
R _Y B	255, 244, 252
Decimal	16774396
CIE Lab	97.22, 5.07, -2.54
CIE LCh	97, 5.671, 333.343
Yxy	92.9896, 0.3150, 0.3213
Android (android.graphics.Color)	4294964476 (0xFFFFF4FC)
YUV	248.2010, 1.8729, 5.9627
Hunter-Lab	96.4311, 0.0000, 2.7829

Details

The Yxy color 92.9896, 0.3150, 0.3213 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.4671, 0.3105, 0.3368, and the grayscale version is 94.0267, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.9123, 0.3156, 0.3205 is the 20% darker color. If you saturate the color by 10%, you get 78.2641, 0.3209, 0.3028, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

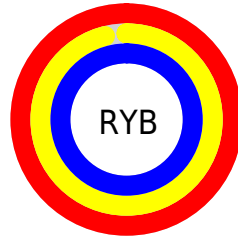
Distribution



Red (100%)

Green (96%)

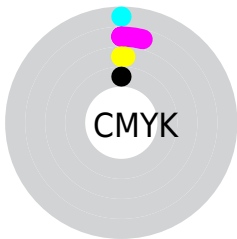
Blue (99%)



Red (100%)

Yellow (96%)

Blue (99%)

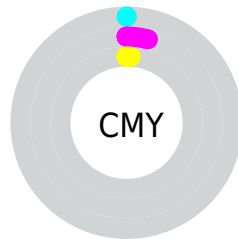


Cyan (0%)

Magenta (4%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9896, 0.3150, 0.3213 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 92.9896, 0.3150, 0.3213 by changing the saturation by 10% instead.


 92.9896, 0.3150,
0.3213

 92.9896, 0.3150,
0.3213


537.7087, 0.3140,
0.3247

 70.4629, 0.3152,
0.3206


151.4842, 0.3147,
0.3224

 51.9040, 0.3155,
0.3197


188.2209, 0.3145,
0.3229

 36.9285, 0.3158,
0.3186


230.4630, 0.3144,
0.3233

 25.1522, 0.3162,
0.3172

278.5949, 0.3143,
0.3236

 16.1905, 0.3167,
0.3153

333.0010, 0.3142,
0.3240

 9.6590, 0.3175,
0.3128

394.0658, 0.3141,

 5.1735, 0.3185,

0.3242

0.3092

462.1735, 0.3141,
0.3245

■ 2.3494, 0.3201,
0.3034

■ 0.7997, 0.3234,
0.2924

■ 92.9896, 0.3150,
0.3213

■ 92.9896, 0.3150,
0.3213

■ 78.2641, 0.3209,
0.3028

100.0000, 0.3127,
0.3290

■ 65.5880, 0.3279,
0.2838

■ 54.8710, 0.3359,
0.2647

■ 46.0134, 0.3450,
0.2464

■ 38.9062, 0.3550,
0.2296

■ 33.4295, 0.3658,
0.2157

■ 29.4479, 0.3770,
0.2055

■ 26.8042, 0.3884,
0.1999

■ 25.3057, 0.3994,
0.1994

Harmonies

Analogous

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



92.9896, 0.3086, 0.3186



92.9896, 0.3150, 0.3213



92.9896, 0.3208, 0.3260

Triad

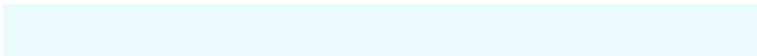
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.9896, 0.3150, 0.3213



92.9896, 0.3220, 0.3395



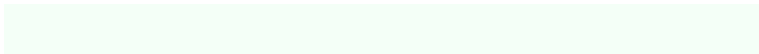
92.9896, 0.3012, 0.3263

Complementary

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



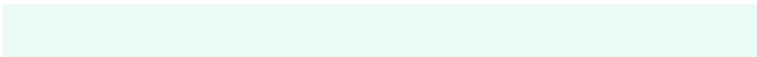
92.9896, 0.3150, 0.3213



97.4671, 0.3105, 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.



92.9896, 0.3047, 0.3320



92.9896, 0.3150, 0.3213



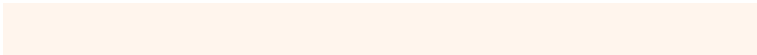
92.9896, 0.3167, 0.3397

Square

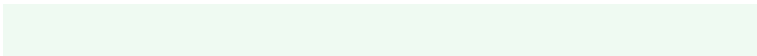
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



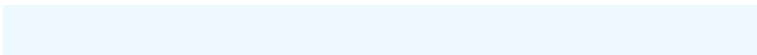
92.9896, 0.3150, 0.3213



92.9896, 0.3249, 0.3365



92.9896, 0.3104, 0.3369



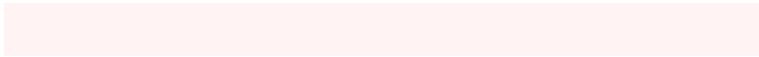
92.9896, 0.3007, 0.3214

Rectangle

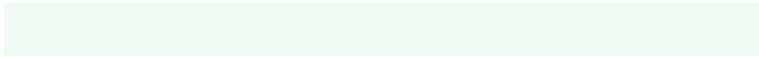
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



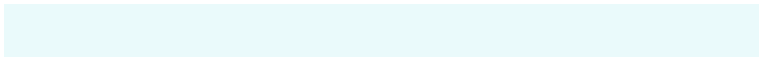
92.9896, 0.3150, 0.3213



92.9896, 0.3235, 0.3297



92.9896, 0.3104, 0.3369



92.9896, 0.3020, 0.3282

Sweetspot

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



92.9922, 0.3150, 0.3213



98.3395, 0.3132, 0.3272



91.6844, 0.3081, 0.3183



21.0662, 0.3132, 0.3273



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

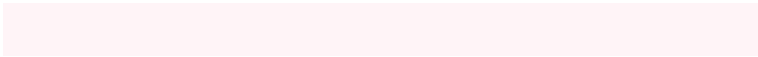
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9922, 0.3150, 0.3213



91.9132, 0.3154, 0.3201



92.6509, 0.3183, 0.3265



19.4392, 0.3158, 0.3188



12.9895, 0.4038, 0.1998



1.2830, 0.3922, 0.1934

Inverse Universe

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



92.9922, 0.3150, 0.3213



91.9132, 0.3154, 0.3201



97.8091, 0.3074, 0.3315



19.4392, 0.3158, 0.3188



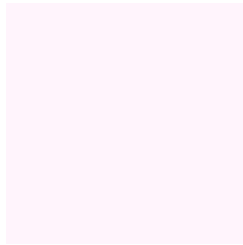
12.9895, 0.4038, 0.1998



1.2830, 0.3922, 0.1934

Previews

White Background



This preview shows how the Yxy color 92.9896, 0.3150, 0.3213 looks on a white background.

Color Contrast Check

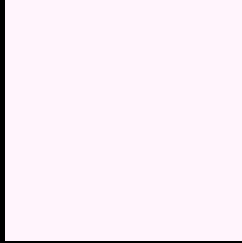
Large Text (above 18pt) WCAG AA × Fail

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 92.9896, 0.3150, 0.3213 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 92.9896, 0.3150, 0.3213

Background



This preview shows how black text looks on a background with the Yxy color 92.9896, 0.3150, 0.3213.

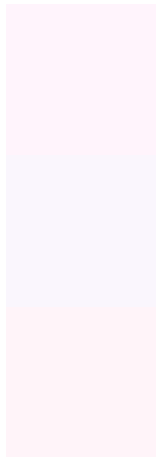


This preview shows how white text looks on a background with the Yxy color 92.9896, 0.3150, 0.3213.

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

92.9896, 0.3150, 0.3213

Protanopia

93.3274, 0.3111, 0.3222

Deuteranopia

92.8009, 0.3168, 0.3242



Tritanopia

93.2203, 0.3112, 0.3194

Trichromacy



Original Color

92.9896, 0.3150, 0.3213

Protanomaly

93.0921, 0.3124, 0.3213

Deuteranomaly

92.8635, 0.3162, 0.3232

Tritanomaly

93.3432, 0.3125, 0.3204

Monochromacy



Original Color

92.9896, 0.3150, 0.3213

Achromatopsia

93.8686, 0.3127, 0.3290

Achromatomaly

93.8703, 0.3141, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9896, 0.3150, 0.3213 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 $rgb(255, 244, 252)$ looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 244, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 252) }
```

Border

The CSS property to change the border of an element to Yxy 92.9896, 0.3150, 0.3213 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, 244, 252) }
```

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

```
.border{ border-color:rgb(255, 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(255, 244, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9896, 0.3150, 0.3213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 252) }
```

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

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