

# Converting Colors

Yxy(92.5714, 0.3161, 0.3225)

Have a look what the booklet for  
Yxy(92.5714, 0.3161, 0.3225)  
contains.

<b>Yxy(92.2633, 0.3163, 0.3223)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(92.2633, 0.3163, 0.3223)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF3FA
RGB	255, 243, 250
RGB Percent	100%, 95%, 98%
CMY	0.0000, 0.0470, 0.0197
CMYK	0.00, 0.05, 0.02, 0.00
HSL	325°, 100%, 98%
HSV	325°, 5%, 100%
XYZ	90.5457, 92.2633, 103.4563
YIQ	247.3860, 4.9050, 4.7210

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	255, 243, 250
Decimal	16774138
CIE Lab	96.93, 5.22, -1.92
CIE LCh	97, 5.562, 339.834
Yxy	92.2633, 0.3163, 0.3223
Android (android.graphics.Color)	4294964218 (0xFFFFF3FA)
YUV	247.3860, 1.2887, 6.6775
Hunter-Lab	96.0538, 0.1700, 3.3784

# Details

The Yxy color 92.2633, 0.3163, 0.3223 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.3548, 0.3093, 0.3358, and the grayscale version is 93.3280, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 51.4415, 0.3164, 0.3204 is the 20% darker color. If you saturate the color by 10%, you get 77.3957, 0.3250, 0.3075, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

# Distribution



Red (100%)

Green (95%)

Blue (98%)



Red (100%)

Yellow (95%)

Blue (98%)



Cyan (0%)

Magenta (5%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (5%)


Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.2633, 0.3163, 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 92.2633, 0.3163, 0.3223 by changing the saturation by 10% instead.




 92.2633, 0.3163,  
0.3223

 92.2633, 0.3163,  
0.3223


535.3661, 0.3147,  
0.3253

 69.8593, 0.3166,  
0.3217


150.4783, 0.3158,  
0.3233

 51.4119, 0.3171,  
0.3209


187.0581, 0.3156,  
0.3237

 36.5365, 0.3176,  
0.3199


229.1319, 0.3154,  
0.3240

 24.8488, 0.3182,  
0.3187

277.0843, 0.3152,  
0.3243

 15.9645, 0.3191,  
0.3171

331.2994, 0.3151,  
0.3246

 9.4990, 0.3203,  
0.3148

392.1619, 0.3149,

 5.0681, 0.3220,

0.3249

0.3116

460.0560, 0.3148,  
0.3251

■ 2.2873, 0.3247,  
0.3065

■ 0.7670, 0.3304,  
0.2958

■ 92.2633, 0.3163,  
0.3223

■ 92.2633, 0.3163,  
0.3223

■ 77.3957, 0.3250,  
0.3075

100.0000, 0.3127,  
0.3290

■ 64.5967, 0.3354,  
0.2921

■ 53.7743, 0.3477,  
0.2765

■ 44.8279, 0.3620,  
0.2615

■ 37.6477, 0.3783,  
0.2479

■ 32.1128, 0.3963,  
0.2368

■ 28.0864, 0.4157,  
0.2296

■ 25.4098, 0.4356,  
0.2272

■ 23.8879, 0.4552,  
0.2303

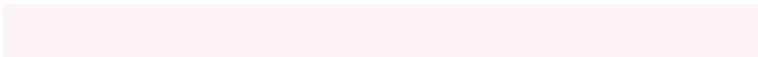
# Harmonies

## Analogous

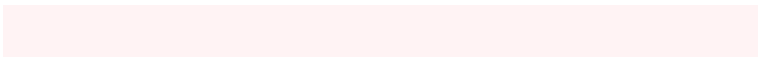
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2633, 0.3100, 0.3191



92.2633, 0.3163, 0.3223



92.2633, 0.3217, 0.3272

# Triad

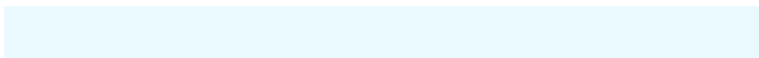
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.2633, 0.3163, 0.3223



92.2633, 0.3209, 0.3396



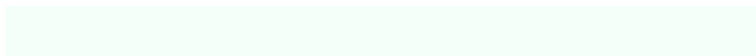
92.2633, 0.3010, 0.3252

# Complementary

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



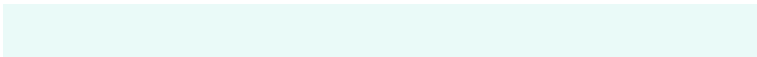
92.2633, 0.3163, 0.3223



97.3548, 0.3093, 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.



92.2633, 0.3039, 0.3307



92.2633, 0.3163, 0.3223



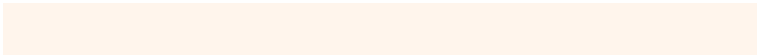
92.2633, 0.3153, 0.3392

# Square

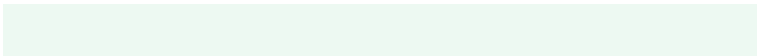
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



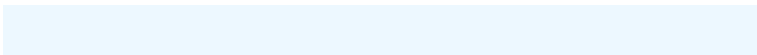
92.2633, 0.3163, 0.3223



92.2633, 0.3243, 0.3372



92.2633, 0.3091, 0.3359



92.2633, 0.3012, 0.3207

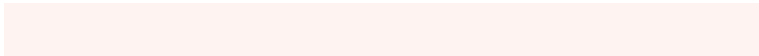


# Rectangle

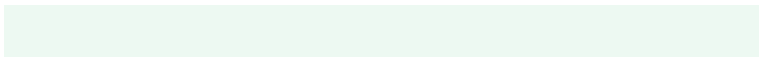
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



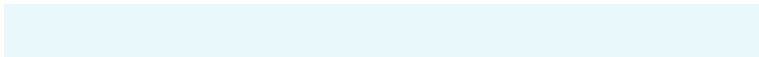
92.2633, 0.3163, 0.3223



92.2633, 0.3240, 0.3309



92.2633, 0.3091, 0.3359



92.2633, 0.3016, 0.3270

# Sweetspot

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



92.2647, 0.3163, 0.3223



98.3152, 0.3135, 0.3276



91.2812, 0.3088, 0.3173



21.0612, 0.3134, 0.3277



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

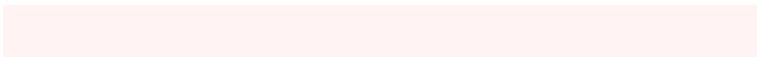
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2647, 0.3163, 0.3223



90.2176, 0.3173, 0.3204



91.8962, 0.3199, 0.3281



19.0924, 0.3179, 0.3195



12.2591, 0.4623, 0.2320



1.2154, 0.4417, 0.2207



# Inverse Universe

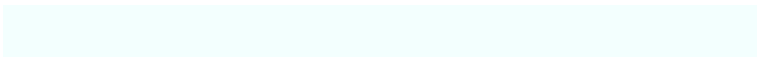
The Inverse Universe completely reimagines the original color for something new.



92.2647, 0.3163, 0.3223



90.2176, 0.3173, 0.3204



97.7314, 0.3059, 0.3300



19.0924, 0.3179, 0.3195



12.2591, 0.4623, 0.2320

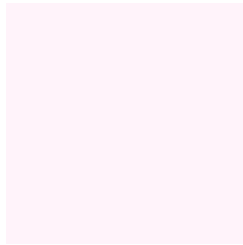


1.2154, 0.4417, 0.2207



# Previews

## White Background



This preview shows how the Yxy color 92.2633, 0.3163, 0.3223 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

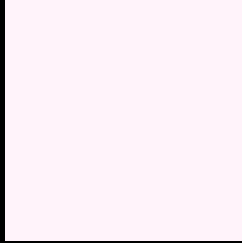
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.2633, 0.3163, 0.3223 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

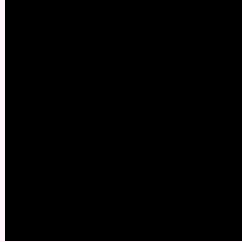
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 92.2633, 0.3163, 0.3223**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.2633, 0.3163, 0.3223.

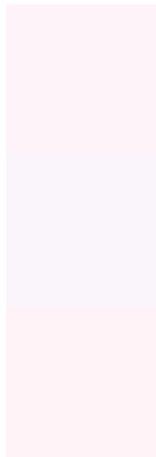


This preview shows how white text looks on a background with the Yxy color 92.2633, 0.3163, 0.3223.

# 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

92.2633, 0.3163, 0.3223

### Protanopia

92.4096, 0.3117, 0.3232

### Deuteranopia

92.1385, 0.3175, 0.3242



## Tritanopia

92.2038, 0.3120, 0.3175

# Trichromacy



**Original Color**

92.2633, 0.3163, 0.3223

**Protanomaly**

92.1756, 0.3130, 0.3222

**Deuteranomaly**

92.2007, 0.3169, 0.3232

**Tritanomaly**

92.2639, 0.3138, 0.3194

# Monochromacy



**Original Color**

92.2633, 0.3163, 0.3223



**Achromatopsia**

93.0111, 0.3127, 0.3290

**Achromatomaly**

93.0128, 0.3141, 0.3271

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.2633, 0.3163, 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, 243, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 250)  
}
```

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, 243, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 250) }
```

## Border

The CSS property to change the border of an element to Yxy 92.2633, 0.3163, 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, 243, 250) }
```

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

```
.border{ border-color:rgb(255, 243, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
250) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.2633, 0.3163, 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, 243, 250) }
```

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

```
.background{ background-color: rgb(255,  
243, 250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor