

# Converting Colors

$Yxy(92.3990, 0.3308, 0.3585)$

Have a look what the booklet for  
Yxy(92.3990, 0.3308, 0.3585)  
contains.

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# Color

**Yxy(92.3890, 0.3309, 0.3579)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9F8DB
RGB	249, 248, 219
RGB Percent	98%, 97%, 86%
CMY	0.0235, 0.0274, 0.1413
CMYK	0.00, 0.00, 0.12, 0.02
HSL	58°, 71%, 92%
HSV	58°, 12%, 98%
XYZ	85.4192, 92.3890, 80.3338
YIQ	244.9930, 9.9050, -8.8070

# Conversions

## Conversions Part 2

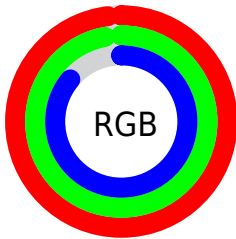
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	220, 249, 219
Decimal	16382171
CIE Lab	96.98, -4.47, 14.07
CIE LCh	97, 14.762, 107.609
Yxy	92.3890, 0.3309, 0.3579
Android (android.graphics.Color)	4294572251 (0xFFFF9F8DB)
YUV	244.9930, -12.8145, 3.5141
Hunter-Lab	96.1192, -9.5793, 17.7305

# Details

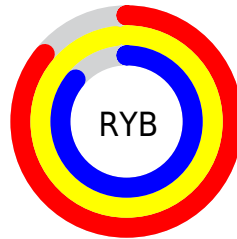
The Yxy color **92.3890, 0.3309, 0.3579** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.0717, 0.2936, 0.2984**, and the grayscale version is **91.4057, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.5861, 0.3343, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **90.6706, 0.3465, 0.3825**, and if you desaturate by 10%, it is **94.3139, 0.3158, 0.3338**.

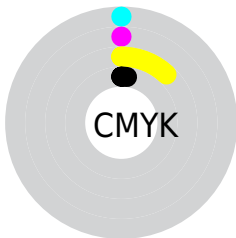
# Distribution



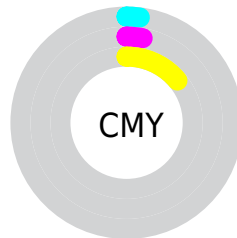
- Red (98%)
- Green (97%)
- Blue (86%)



- Red (86%)
- Yellow (98%)
- Blue (86%)



- Cyan (0%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)




- Cyan (2%)
- Magenta (3%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.3890, 0.3309, 0.3579 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 92.3890, 0.3309, 0.3579 by changing the saturation by 10% instead.



 92.3890, 0.3309,  
0.3579

 92.3890, 0.3309,  
0.3579

535.7719, 0.3229,  
0.3450

 69.9638, 0.3326,  
0.3607


150.6524, 0.3282,  
0.3535

 51.4970, 0.3347,  
0.3642


187.2594, 0.3271,  
0.3518

 36.6043, 0.3373,  
0.3685


229.3624, 0.3262,  
0.3503

 24.9013, 0.3406,  
0.3740

277.3459, 0.3254,  
0.3489

 16.0035, 0.3449,  
0.3813

331.5942, 0.3247,  
0.3478

 9.5266, 0.3506,  
0.3914

392.4917, 0.3240,

 5.0863, 0.3588,

0.3467

0.4061

460.4228, 0.3234,  
0.3458

■ 2.2980, 0.3710,  
0.4296

■ 0.7726, 0.4473,  
0.5527

■ 92.3890, 0.3309,  
0.3579

■ 92.3890, 0.3309,  
0.3579

■ 90.6706, 0.3465,  
0.3825

■ 94.3139, 0.3158,  
0.3338

■ 89.1379, 0.3620,  
0.4068


■ 95.5217, 0.3092,  
0.3238

■ 87.7855, 0.3769,  
0.4301

■ 96.0361, 0.3092,  
0.3246

■ 86.6035, 0.3907,  
0.4512

■ 96.5528, 0.3091,  
0.3254


 85.5805, 0.4026,  
0.4693

 97.0717, 0.3091,  
0.3262

 84.7042, 0.4122,  
0.4835


 97.5929, 0.3091,  
0.3270

 83.9600, 0.4192,  
0.4933

 98.1164, 0.3091,  
0.3278

 83.3308, 0.4235,  
0.4987

 98.6421, 0.3090,  
0.3286

 82.8919, 0.4253,  
0.5005

 98.8806, 0.3090,  
0.3290

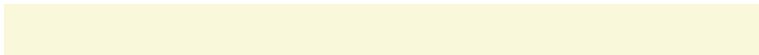
# Harmonies

## Analogous

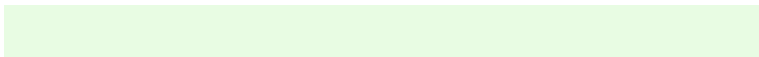
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3890, 0.3420, 0.3529



92.3890, 0.3309, 0.3579



92.3890, 0.3151, 0.3548

# Triad

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



92.3890, 0.3309, 0.3579



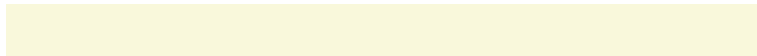
92.3890, 0.2813, 0.3149



92.3890, 0.3262, 0.3144

# Complementary

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



92.3890, 0.3309, 0.3579



73.0717, 0.2936, 0.2984

# Split Complementary

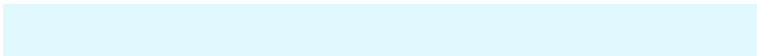
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.3890, 0.3097, 0.3049



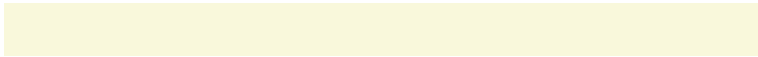
92.3890, 0.3309, 0.3579



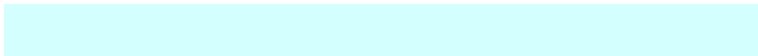
92.3890, 0.2841, 0.3048

# Square

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



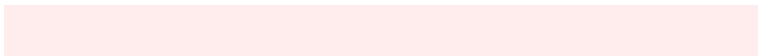
92.3890, 0.3309, 0.3579



92.3890, 0.2867, 0.3294



92.3890, 0.2943, 0.3013



92.3890, 0.3393, 0.3278

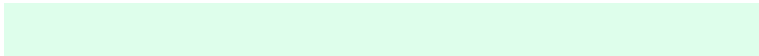


# Rectangle

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



92.3890, 0.3309, 0.3579



92.3890, 0.3041, 0.3484



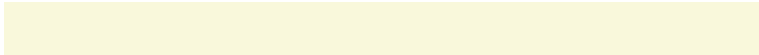
92.3890, 0.2943, 0.3013



92.3890, 0.3208, 0.3107

# Sweetspot

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



92.3931, 0.3309, 0.3579



99.1443, 0.3187, 0.3385



75.9597, 0.3339, 0.3280



21.1874, 0.3198, 0.3403



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

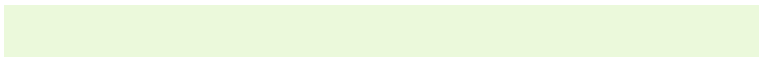
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3931, 0.3309, 0.3579



97.1558, 0.3339, 0.3627



90.5286, 0.3215, 0.3597



20.0859, 0.3270, 0.3517



44.4128, 0.4252, 0.5006



4.1435, 0.4245, 0.5012



# Inverse Universe

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



73.0717, 0.2936, 0.2984



73.7686, 0.2902, 0.2929



74.8149, 0.3030, 0.2982



16.7354, 0.2979, 0.3053



3.7972, 0.1506, 0.0620

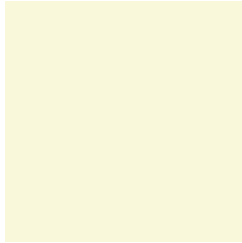


0.3832, 0.1519, 0.0669



# Previews

## White Background



This preview shows how the Yxy color 92.3890, 0.3309, 0.3579 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

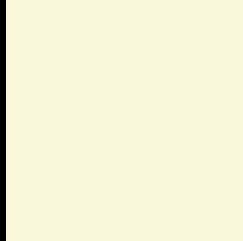
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.3890, 0.3309, 0.3579 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

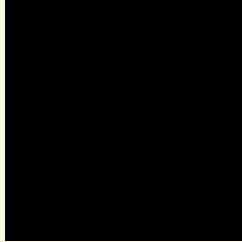
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 92.3890, 0.3309, 0.3579**

## **Background**



This preview shows how black text looks on a background with the Yxy color 92.3890, 0.3309, 0.3579.

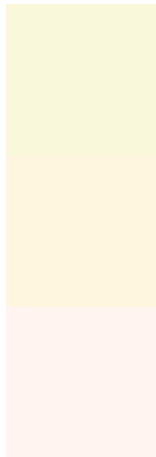


This preview shows how white text looks on a background with the Yxy color 92.3890, 0.3309, 0.3579.

# 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

92.3890, 0.3309, 0.3579

### Protanopia

92.5534, 0.3320, 0.3506

### Deuteranopia

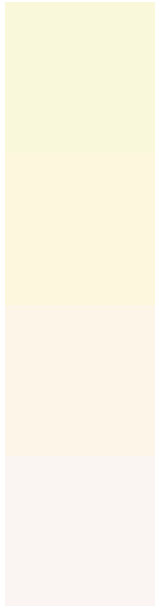
92.2526, 0.3223, 0.3329



## Tritanopia

92.4306, 0.3106, 0.3184

# Trichromacy



## Original Color

92.3890, 0.3309, 0.3579

## Protanomaly

92.6781, 0.3318, 0.3537

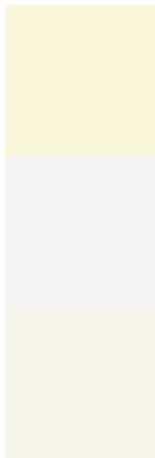
## Deuteranomaly

92.0137, 0.3259, 0.3418

## Tritanomaly

92.0396, 0.3178, 0.3319

# Monochromacy



## Original Color

92.3890, 0.3309, 0.3579

## Achromatopsia

91.3099, 0.3127, 0.3290

## Achromatomaly

91.5605, 0.3187, 0.3389

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.3890, 0.3309, 0.3579 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, 248, 219)` looks like.

```
.text, #text, p{  
    color:rgb(249, 248, 219)  
}
```

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, 248, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 248, 219) }
```

## Border

The CSS property to change the border of an element to Yxy 92.3890, 0.3309, 0.3579 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, 248, 219) }
```

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

```
.border{ border-color:rgb(249, 248, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 248, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 248, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 248, 219);  
box-shadow:4px 4px 4px 4px rgb(249, 248,  
219) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.3890, 0.3309, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 248, 219) }
```

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

```
.background{ background-color: rgb(249,  
248, 219) }
```

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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