

# Converting Colors

$Yxy(95.2580, 0.3328, 0.3571)$

Have a look what the booklet for  
Yxy(95.2580, 0.3328, 0.3571)  
contains.

<b>Yxy(95.5283, 0.3327, 0.3574)</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(95.5283, 0.3327, 0.3574)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFFBDE
RGB	255, 251, 222
RGB Percent	100%, 98%, 87%
CMY	0.0000, 0.0157, 0.1296
CMYK	0.00, 0.02, 0.13, 0.00
HSL	53°, 100%, 94%
HSV	53°, 13%, 100%
XYZ	88.9263, 95.5283, 82.8322
YIQ	248.8900, 11.6930, -8.1710

# Conversions

## Conversions Part 2

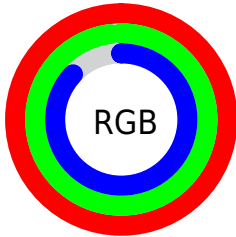
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 255, 222
Decimal	16776158
CIE Lab	98.24, -3.40, 14.40
CIE LCh	98, 14.795, 103.306
Yxy	95.5283, 0.3327, 0.3574
Android (android.graphics.Color)	4294966238 (0xFFFFFBDE)
YUV	248.8900, -13.2568, 5.3585
Hunter-Lab	97.7386, -8.6364, 18.1695

# Details

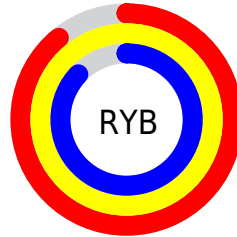
The Yxy color 95.5283, 0.3327, 0.3574 is a light color, and the websafe version is hex FFFFCC. A complement of this color would be 77.1166, 0.2921, 0.2989, and the grayscale version is 94.7359, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.8260, 0.3365, 0.3639 is the 20% darker color. If you saturate the color by 10%, you get 92.3479, 0.3490, 0.3800, and if you desaturate by 10%, it is 98.9433, 0.3171, 0.3353.

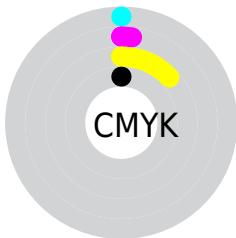
# Distribution



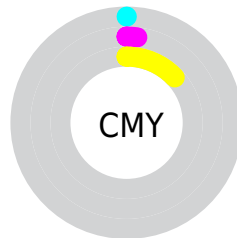
- Red (100%)
- Green (98%)
- Blue (87%)



- Red (89%)
- Yellow (100%)
- Blue (87%)



- Cyan (0%)
- Magenta (2%)
- Yellow (13%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.5283, 0.3327, 0.3574 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 95.5283, 0.3327, 0.3574 by changing the saturation by 10% instead.




 95.5283, 0.3327,  
0.3574

 95.5283, 0.3327,  
0.3574

545.8549, 0.3239,  
0.3448

 72.5748, 0.3346,  
0.3602


154.9943, 0.3298,  
0.3531

 53.6283, 0.3369,  
0.3635

192.2755, 0.3286,  
0.3514

 38.3046, 0.3397,  
0.3676


235.1014, 0.3276,  
0.3500

 26.2192, 0.3432,  
0.3729

283.8564, 0.3267,  
0.3487

 16.9877, 0.3478,  
0.3798

338.9248, 0.3259,  
0.3476

 10.2257, 0.3541,  
0.3893

400.6911, 0.3252,

 5.5489, 0.3628,

0.3465

0.4029

469.5397, 0.3245,  
0.3456

■ 2.5728, 0.3760,  
0.4243

■ 0.9130, 0.4621,  
0.5379

■ 95.5283, 0.3327,  
0.3574

■ 95.5283, 0.3327,  
0.3574

■ 92.3479, 0.3490,  
0.3800

■ 98.9433, 0.3171,  
0.3353

■ 89.3982, 0.3656,  
0.4026

100.0000, 0.3127,  
0.3290

■ 86.6672, 0.3821,  
0.4242

■ 84.1439, 0.3977,  
0.4439

■ 81.8164, 0.4119,  
0.4607

■ 79.6709, 0.4239,  
0.4736

■ 77.6919, 0.4332,  
0.4821

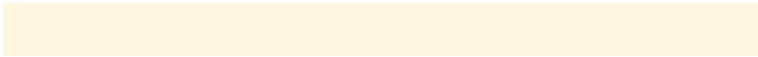
■ 75.8604, 0.4397,  
0.4860

■ 74.6394, 0.4428,  
0.4866

# Harmonies

## Analogous

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



95.5283, 0.3427, 0.3514



95.5283, 0.3327, 0.3574



95.5283, 0.3174, 0.3555

# Triad

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



95.5283, 0.3327, 0.3574



95.5283, 0.2819, 0.3169



95.5283, 0.3238, 0.3129

# Complementary

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



95.5283, 0.3327, 0.3574



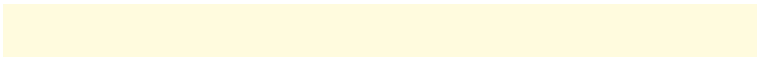
77.1166, 0.2921, 0.2989

# 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.



95.5283, 0.3073, 0.3042



95.5283, 0.3327, 0.3574



95.5283, 0.2834, 0.3061

# Square

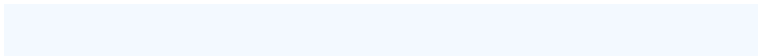
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.5283, 0.3327, 0.3574



95.5283, 0.2883, 0.3316



95.5283, 0.2926, 0.3016

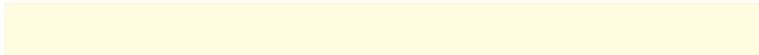


95.5283, 0.3376, 0.3258

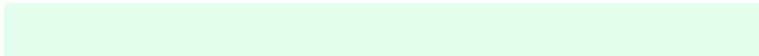


# Rectangle

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



95.5283, 0.3327, 0.3574



95.5283, 0.3065, 0.3499



95.5283, 0.2926, 0.3016



95.5283, 0.3184, 0.3094

# Sweetspot

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



95.5265, 0.3327, 0.3574



98.5750, 0.3187, 0.3376



78.9945, 0.3334, 0.3247



21.0427, 0.3199, 0.3392



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.



95.5265, 0.3327, 0.3574



94.5339, 0.3376, 0.3643



95.8265, 0.3243, 0.3620



20.6931, 0.3272, 0.3497



39.1492, 0.4424, 0.4869



3.9130, 0.4394, 0.4893



# Inverse Universe

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



77.1166, 0.2921, 0.2989



72.2822, 0.2868, 0.2911



76.9487, 0.3000, 0.2955



17.7319, 0.2979, 0.3074



4.3916, 0.1524, 0.0687

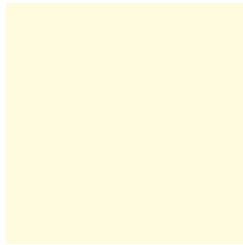


0.5349, 0.1566, 0.0836



# Previews

## White Background



This preview shows how the Yxy color 95.5283, 0.3327, 0.3574 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 95.5283, 0.3327, 0.3574 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

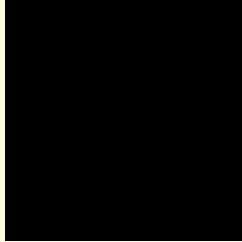
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 95.5283, 0.3327, 0.3574**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.5283, 0.3327, 0.3574.

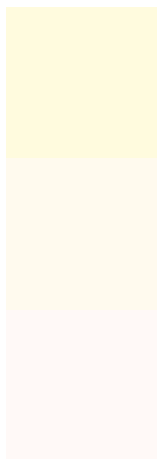


This preview shows how white text looks on a background with the Yxy color 95.5283, 0.3327, 0.3574.

# 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

95.5283, 0.3327, 0.3574

### Protanopia

95.8043, 0.3230, 0.3406

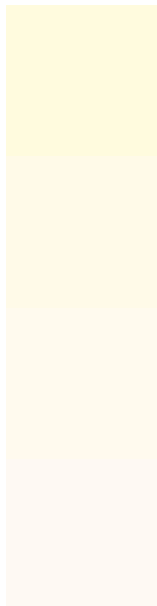
### Deuteranopia

95.7268, 0.3177, 0.3309

## Tritanopia

95.4256, 0.3124, 0.3223

# Trichromacy



## Original Color

95.5283, 0.3327, 0.3574

## Protanomaly

95.4574, 0.3267, 0.3465

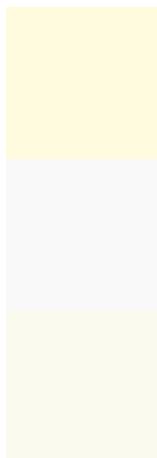
## Deuteranomaly

95.8043, 0.3230, 0.3406

## Tritanomaly

95.2933, 0.3195, 0.3348

# Monochromacy



## Original Color

95.5283, 0.3327, 0.3574

## Achromatopsia

94.7307, 0.3127, 0.3290

## Achromatomaly

95.1124, 0.3199, 0.3397

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.5283, 0.3327, 0.3574 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, 251, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 222)  
}
```

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, 251, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 222) }
```

## Border

The CSS property to change the border of an element to Yxy 95.5283, 0.3327, 0.3574 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, 251, 222) }
```

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

```
.border{ border-color:rgb(255, 251, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
222) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.5283, 0.3327, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 222) }
```

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

```
.background{ background-color: rgb(255,  
251, 222) }
```

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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