

Converting Colors

$Yxy(93.9997, 0.3279, 0.3592)$

Have a look what the booklet for
Yxy(93.9997, 0.3279, 0.3592)
contains.

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Color

Yxy(93.9890, 0.3280, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	F7FBDD
RGB	247, 251, 221
RGB Percent	97%, 98%, 87%
CMY	0.0314, 0.0156, 0.1335
CMYK	0.02, 0.00, 0.12, 0.02
HSL	68°, 79%, 93%
HSV	68°, 12%, 98%
XYZ	85.8969, 93.9890, 81.9949
YIQ	246.3840, 7.2460, -10.1780

Conversions

Conversions Part 2

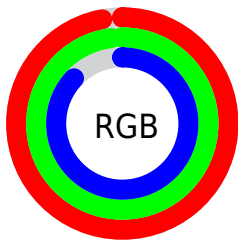
Format	Color
RYB	221, 251, 225
Decimal	16251869
CIELab	97.63, -6.36, 13.95
CIELCh	98, 15.334, 114.518
Yxy	93.9890, 0.3280, 0.3589
Android (android.graphics.Color)	4294441949 (0xFFF7FBDD)
YUV	246.3840, -12.5143, 0.5402
Hunter-Lab	96.9479, -11.5060, 17.7183

Details

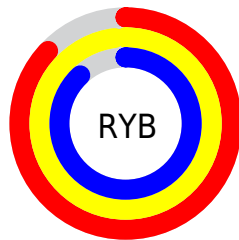
The Yxy color **93.9890, 0.3280, 0.3589** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.6674, 0.2964, 0.2978**, and the grayscale version is **92.5835, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8598, 0.3314, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **92.1468, 0.3410, 0.3849**, and if you desaturate by 10%, it is **96.0506, 0.3152, 0.3338**.

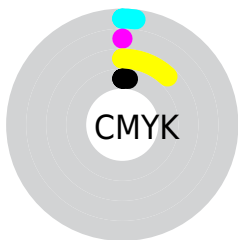
Distribution



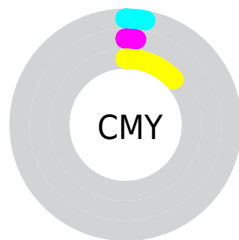
- Red (97%)
- Green (98%)
- Blue (87%)



- Red (87%)
- Yellow (98%)
- Blue (88%)



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





- Cyan (3%)
- Magenta (2%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.9890, 0.3280, 0.3589 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 93.9890, 0.3280, 0.3589 by changing the saturation by 10% instead.

 93.9890, 0.3280,
0.3589

 93.9890, 0.3280,
0.3589

540.9233, 0.3213,
0.3455

 71.2938, 0.3294,
0.3618


152.8671, 0.3258,
0.3543

 52.5820, 0.3312,
0.3654


189.8189, 0.3249,
0.3526

 37.4692, 0.3333,
0.3699


232.2915, 0.3241,
0.3510

 25.5710, 0.3360,
0.3756

280.6696, 0.3234,
0.3496

 16.5030, 0.3394,
0.3832

335.3374, 0.3228,
0.3484

 9.8808, 0.3440,
0.3936

396.6794, 0.3223,

 5.3200, 0.3505,

0.3474

0.4089

465.0798, 0.3218,
0.3464

■ 2.4362, 0.3600,
0.4334

■ 0.8444, 0.4339,
0.5661

■ 93.9890, 0.3280,
0.3589

■ 93.9890, 0.3280,
0.3589

■ 92.1468, 0.3410,
0.3849

■ 96.0506, 0.3152,
0.3338

■ 90.5026, 0.3537,
0.4111

■ 97.2419, 0.3121,
0.3252

■ 89.0511, 0.3656,
0.4367

■ 97.4838, 0.3129,
0.3252

■ 87.7818, 0.3762,
0.4606

■ 86.6833, 0.3849,
0.4817

■ 85.7429, 0.3912,
0.4990

■ 84.9458, 0.3949,
0.5119

■ 84.2742, 0.3960,
0.5203

■ 83.8044, 0.3954,
0.5242

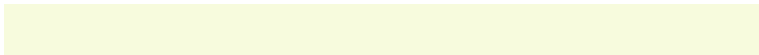
Harmonies

Analogous

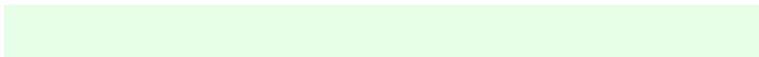
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9890, 0.3410, 0.3555



93.9890, 0.3280, 0.3589



93.9890, 0.3112, 0.3538

Triad

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



93.9890, 0.3280, 0.3589



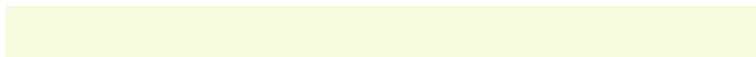
93.9890, 0.2802, 0.3115



93.9890, 0.3303, 0.3169

Complementary

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



93.9890, 0.3280, 0.3589



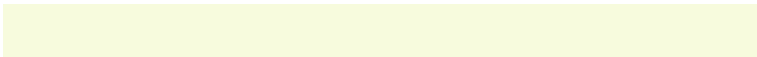
74.6674, 0.2964, 0.2978

Split Complementary

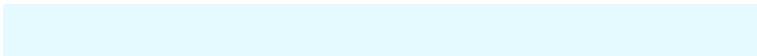
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.9890, 0.3136, 0.3059



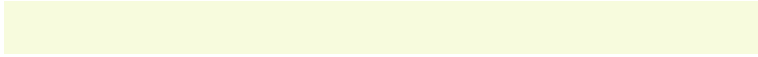
93.9890, 0.3280, 0.3589



93.9890, 0.2850, 0.3025

Square

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



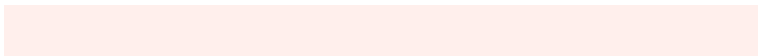
93.9890, 0.3280, 0.3589



93.9890, 0.2839, 0.3257



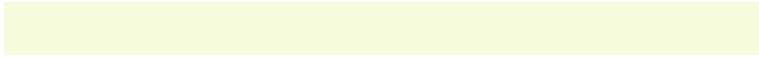
93.9890, 0.2970, 0.3006



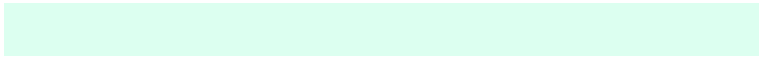
93.9890, 0.3424, 0.3311

Rectangle

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



93.9890, 0.3280, 0.3589



93.9890, 0.3001, 0.3461



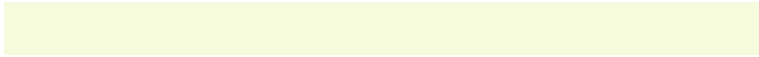
93.9890, 0.2970, 0.3006



93.9890, 0.3250, 0.3127

Sweetspot

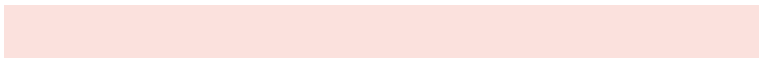
The Sweet Spot groups the original color and five complimentary colors.



93.9931, 0.3280, 0.3589



99.1016, 0.3178, 0.3388



79.5655, 0.3339, 0.3331



21.1765, 0.3187, 0.3407



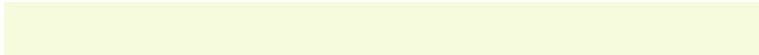
0.0000, 0.0000, 0.0000



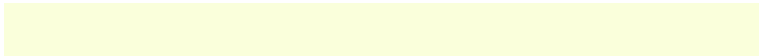
21.4041, 0.3127, 0.3290

Same Dimension

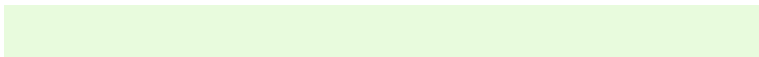
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9931, 0.3280, 0.3589



97.0127, 0.3306, 0.3642



91.3754, 0.3182, 0.3598



20.0657, 0.3248, 0.3526



44.0918, 0.3958, 0.5239



4.1153, 0.3988, 0.5215

Inverse Universe

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



74.6674, 0.2964, 0.2978



73.9018, 0.2933, 0.2920



77.1848, 0.3065, 0.2987



16.7547, 0.3000, 0.3046



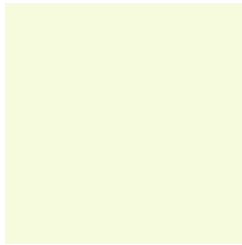
3.8720, 0.1551, 0.0628



0.3921, 0.1636, 0.0675

Previews

White Background



This preview shows how the Yxy color 93.9890, 0.3280, 0.3589 looks on a white background.

Color Contrast Check

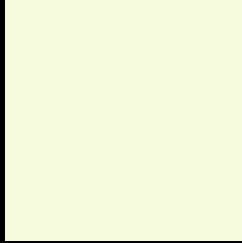
Large Text (above 18pt) WCAG AA × Fail

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 93.9890, 0.3280, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

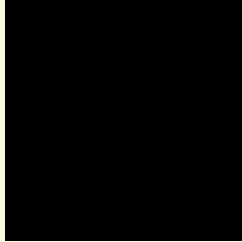
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

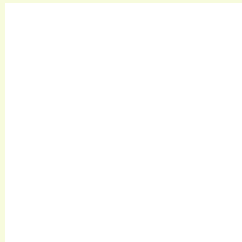
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 93.9890, 0.3280, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 93.9890, 0.3280, 0.3589.

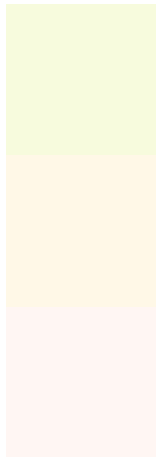


This preview shows how white text looks on a background with the Yxy color 93.9890, 0.3280, 0.3589.

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

93.9890, 0.3280, 0.3589

Protanopia

94.1643, 0.3275, 0.3456

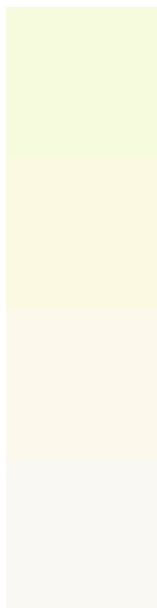
Deuteranopia

93.6426, 0.3203, 0.3319

Tritanopia

94.0655, 0.3099, 0.3213

Trichromacy



Original Color

93.9890, 0.3280, 0.3589

Protanomaly

93.9929, 0.3279, 0.3506

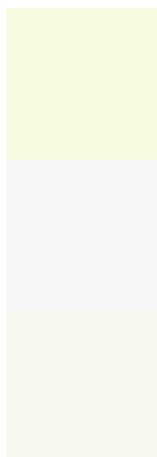
Deuteranomaly

93.8284, 0.3231, 0.3417

Tritanomaly

93.7456, 0.3163, 0.3339

Monochromacy



Original Color

93.9890, 0.3280, 0.3589

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.8421, 0.3180, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9890, 0.3280, 0.3589 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(247, 251, 221)` looks like.

```
.text, #text, p{  
    color:rgb(247, 251, 221)  
}
```

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(247, 251, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 251, 221) }
```

Border

The CSS property to change the border of an element to Yxy 93.9890, 0.3280, 0.3589 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(247, 251, 221) }
```

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

```
.border{ border-color:rgb(247, 251, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 251, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 251, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 251, 221);  
box-shadow:4px 4px 4px 4px rgb(247, 251,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9890, 0.3280, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 251, 221) }
```

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

```
.background{ background-color: rgb(247,  
251, 221) }
```

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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