

Converting Colors

$Yxy(94.2384, 0.3292, 0.3685)$

Have a look what the booklet for
Yxy(94.2384, 0.3292, 0.3685)
contains.

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Color

Yxy(94.1603, 0.3293, 0.3682)

Conversions

Conversions Part 1

Format	Color
Hex	F3FDD6
RGB	243, 253, 214
RGB Percent	95%, 99%, 84%
CMY	0.0473, 0.0078, 0.1608
CMYK	0.04, 0.00, 0.15, 0.01
HSL	75°, 91%, 92%
HSV	75°, 15%, 99%
XYZ	84.2123, 94.1603, 77.3587
YIQ	245.5640, 6.5590, -14.2490

Conversions

Conversions Part 2

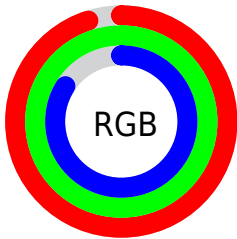
Format	Color
R _Y B	214, 253, 224
Decimal	15990230
CIE Lab	97.70, -9.84, 17.57
CIE LCh	98, 20.135, 119.260
Yxy	94.1603, 0.3293, 0.3682
Android (android.graphics.Color)	4294180310 (0xFFF3FDD6)
YUV	245.5640, -15.5611, -2.2486
Hunter-Lab	97.0362, -14.9032, 20.6585

Details

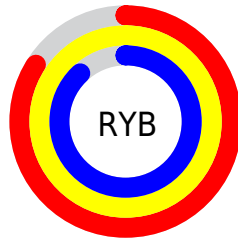
The Yxy color **94.1603, 0.3293, 0.3682** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **71.0504, 0.2944, 0.2883**, and the grayscale version is **91.9096, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5479, 0.3332, 0.3766** is the 20% darker color. If you saturate the color by 10%, you get **91.8291, 0.3400, 0.3952**, and if you desaturate by 10%, it is **96.7419, 0.3185, 0.3424**.

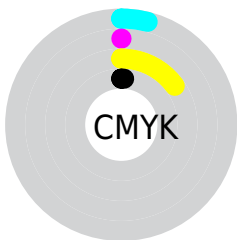
Distribution



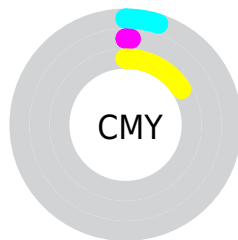
- Red (95%)
- Green (99%)
- Blue (84%)



- Red (84%)
- Yellow (99%)
- Blue (88%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (1%)





- Cyan (5%)
- Magenta (1%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1603, 0.3293, 0.3682 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 94.1603, 0.3293, 0.3682 by changing the saturation by 10% instead.


 94.1603, 0.3293,
0.3682

 94.1603, 0.3293,
0.3682


541.4733, 0.3221,
0.3506

 71.4363, 0.3308,
0.3721


153.1040, 0.3269,
0.3622

 52.6983, 0.3326,
0.3769


190.0925, 0.3260,
0.3598

 37.5620, 0.3349,
0.3828


232.6046, 0.3251,
0.3578

 25.6429, 0.3376,
0.3904

281.0248, 0.3244,
0.3560

 16.5567, 0.3411,
0.4004

335.7373, 0.3237,
0.3544

 9.9189, 0.3457,
0.4143

397.1266, 0.3231,

 5.3452, 0.3518,

0.3530

0.4348

465.5771, 0.3226,
0.3517

■ 2.4512, 0.3600,
0.4674

■ 0.8521, 0.4007,
0.5993

■ 94.1603, 0.3293,
0.3682

■ 94.1603, 0.3293,
0.3682

■ 91.8291, 0.3400,
0.3952

■ 96.7419, 0.3185,
0.3424

■ 89.7262, 0.3503,
0.4226

■ 98.7433, 0.3128,
0.3271

■ 87.8454, 0.3595,
0.4495

■ 86.1755, 0.3672,
0.4747

■ 84.7038, 0.3729,
0.4972

■ 83.4164, 0.3762,
0.5157

■ 82.2971, 0.3768,
0.5296

■ 81.3256, 0.3749,
0.5387

■ 80.9168, 0.3735,
0.5416

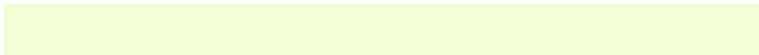
Harmonies

Analogous

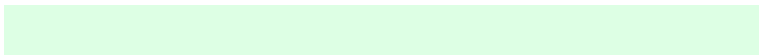
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1603, 0.3476, 0.3652



94.1603, 0.3293, 0.3682



94.1603, 0.3070, 0.3598

Triad

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



94.1603, 0.3293, 0.3682



94.1603, 0.2706, 0.3035



94.1603, 0.3388, 0.3159

Complementary

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



94.1603, 0.3293, 0.3682



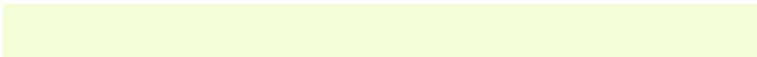
71.0504, 0.2944, 0.2883

Split Complementary

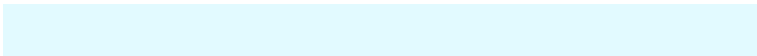
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1603, 0.3173, 0.3008



94.1603, 0.3293, 0.3682



94.1603, 0.2784, 0.2933

Square

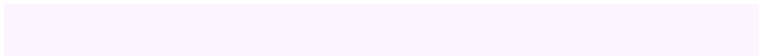
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



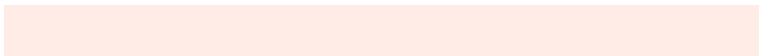
94.1603, 0.3293, 0.3682



94.1603, 0.2736, 0.3212



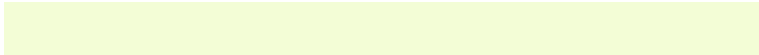
94.1603, 0.2952, 0.2926



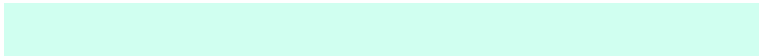
94.1603, 0.3534, 0.3345

Rectangle

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



94.1603, 0.3293, 0.3682



94.1603, 0.2929, 0.3487



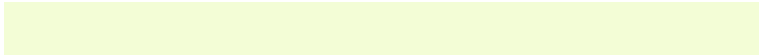
94.1603, 0.2952, 0.2926



94.1603, 0.3321, 0.3103

Sweetspot

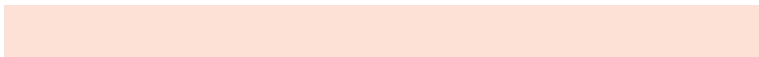
The Sweet Spot groups the original color and five complimentary colors.



94.1644, 0.3293, 0.3682



98.5869, 0.3180, 0.3413



78.9250, 0.3403, 0.3389



21.0602, 0.3188, 0.3431



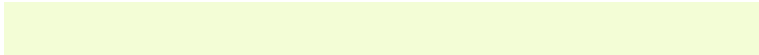
0.0000, 0.0000, 0.0000



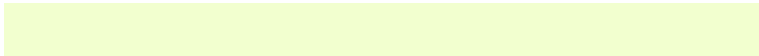
21.4041, 0.3127, 0.3290

Same Dimension

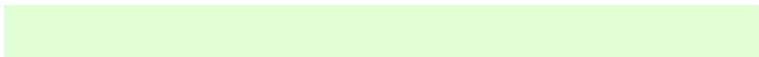
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1644, 0.3293, 0.3682



94.9675, 0.3332, 0.3778



90.9280, 0.3169, 0.3697



20.8409, 0.3229, 0.3528



43.1107, 0.3742, 0.5410



4.2500, 0.3796, 0.5368

Inverse Universe

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



71.0504, 0.2944, 0.2883



66.6969, 0.2895, 0.2779



74.2927, 0.3076, 0.2899



17.6044, 0.3019, 0.3047



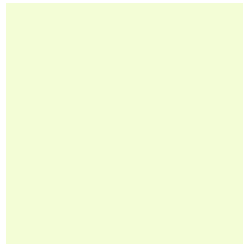
4.4349, 0.1652, 0.0684



0.4816, 0.1762, 0.0745

Previews

White Background



This preview shows how the Yxy color 94.1603, 0.3293, 0.3682 looks on a white background.

Color Contrast Check

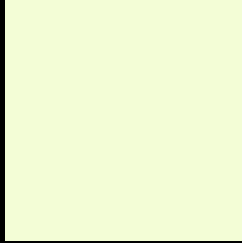
Large Text (above 18pt) WCAG AA × Fail

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 94.1603, 0.3293, 0.3682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

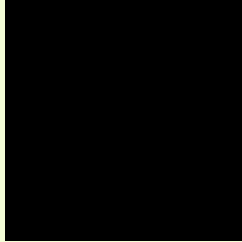
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

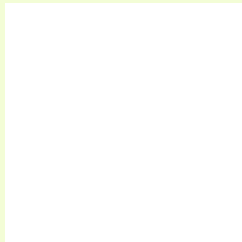
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1603, 0.3293, 0.3682

Background



This preview shows how black text looks on a background with the Yxy color 94.1603, 0.3293, 0.3682.

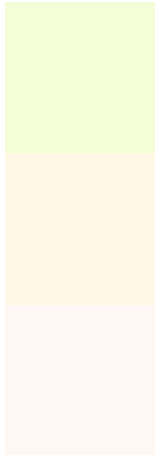


This preview shows how white text looks on a background with the Yxy color 94.1603, 0.3293, 0.3682.

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

94.1603, 0.3293, 0.3682

Protanopia

94.1080, 0.3281, 0.3466

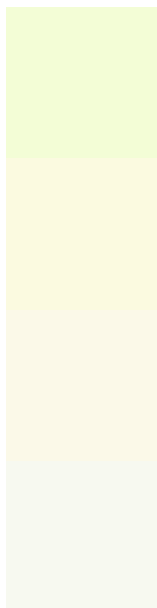
Deuteranopia

94.2526, 0.3203, 0.3329

Tritanopia

93.8813, 0.3093, 0.3213

Trichromacy



Original Color

94.1603, 0.3293, 0.3682

Protanomaly

94.2623, 0.3289, 0.3546

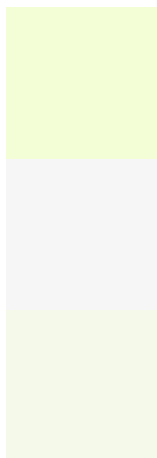
Deuteranomaly

94.0868, 0.3242, 0.3457

Tritanomaly

93.8168, 0.3168, 0.3378

Monochromacy



Original Color

94.1603, 0.3293, 0.3682

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

93.1044, 0.3191, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1603, 0.3293, 0.3682 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(243, 253, 214)` looks like.

```
.text, #text, p{  
    color:rgb(243, 253, 214)  
}
```

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(243, 253, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 253, 214) }
```

Border

The CSS property to change the border of an element to Yxy 94.1603, 0.3293, 0.3682 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(243, 253, 214) }
```

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

```
.border{ border-color:rgb(243, 253, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 253, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 253, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 253, 214);  
box-shadow:4px 4px 4px 4px rgb(243, 253,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1603, 0.3293, 0.3682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 253, 214) }
```

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

```
.background{ background-color: rgb(243,  
253, 214) }
```

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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