

Converting Colors

$Y_{xy}(94.3497, 0.3318, 0.3793)$

Have a look what the booklet for
Yxy(94.3497, 0.3318, 0.3793)
contains.

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Color

Yxy(94.2785, 0.3318, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	EFFECD
RGB	239, 255, 205
RGB Percent	94%, 100%, 80%
CMY	0.0627, 0.0000, 0.1959
CMYK	0.06, 0.00, 0.20, 0.00
HSL	79°, 100%, 90%
HSV	79°, 20%, 100%
XYZ	82.3851, 94.2785, 71.6338
YIQ	244.5160, 6.5140, -18.9420

Conversions

Conversions Part 2

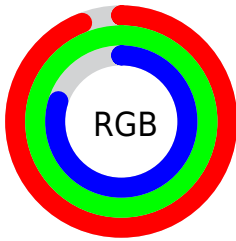
Format	Color
R _Y B	205, 255, 221
Decimal	15728589
CIE Lab	97.74, -13.55, 22.16
CIE LCh	98, 25.975, 121.431
Yxy	94.2785, 0.3318, 0.3797
Android (android.graphics.Color)	4293918669 (0xFFEFFFCD)
YUV	244.5160, -19.4814, -4.8375
Hunter-Lab	97.0971, -18.4661, 24.2265

Details

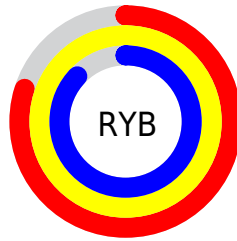
The Yxy color **94.2785, 0.3318, 0.3797** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.2726, 0.2908, 0.2765**, and the grayscale version is **91.0643, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.6898, 0.3355, 0.3901** is the 20% darker color. If you saturate the color by 10%, you get **91.7622, 0.3413, 0.4074**, and if you desaturate by 10%, it is **97.0678, 0.3220, 0.3531**.

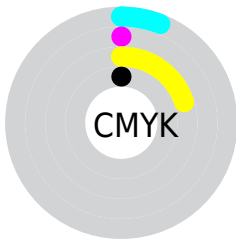
Distribution



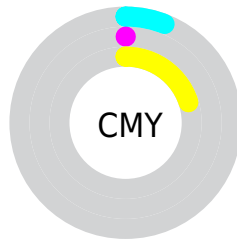
- Red (94%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.2785, 0.3318, 0.3797 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 94.2785, 0.3318, 0.3797 by changing the saturation by 10% instead.

 94.2785, 0.3318,
0.3797

 94.2785, 0.3318,
0.3797


541.8526, 0.3237,
0.3568

 71.5346, 0.3335,
0.3848


153.2674, 0.3291,
0.3719

 52.7786, 0.3355,
0.3910


190.2813, 0.3280,
0.3688

 37.6261, 0.3379,
0.3987


232.8206, 0.3271,
0.3661

 25.6926, 0.3409,
0.4087

281.2697, 0.3262,
0.3638

 16.5938, 0.3445,
0.4218

336.0131, 0.3255,
0.3617

 9.9453, 0.3490,
0.4400

397.4351, 0.3248,

 5.3627, 0.3546,

0.3599

0.4666

465.9201, 0.3242,
0.3583

■ 2.4616, 0.3639,
0.5133

■ 0.8573, 0.3609,
0.6391

■ 94.2785, 0.3318,
0.3797

■ 94.2785, 0.3318,
0.3797

■ 91.7622, 0.3413,
0.4074

■ 97.0678, 0.3220,
0.3531

■ 89.4960, 0.3501,
0.4355

99.9982, 0.3127,
0.3290

■ 87.4725, 0.3576,
0.4628

■ 85.6795, 0.3635,
0.4883

■ 84.1031, 0.3671,
0.5105

■ 82.7278, 0.3682,
0.5284

■ 81.5352, 0.3667,
0.5414

■ 80.4969, 0.3631,
0.5497

■ 80.4566, 0.3630,
0.5500

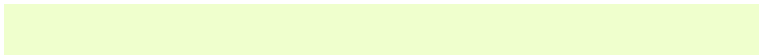
Harmonies

Analogous

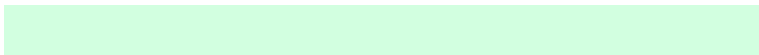
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2785, 0.3562, 0.3763



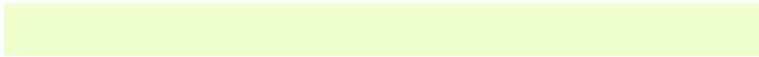
94.2785, 0.3318, 0.3797



94.2785, 0.3030, 0.3678

Triad

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



94.2785, 0.3318, 0.3797



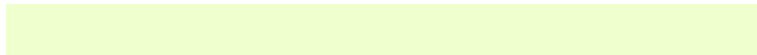
94.2785, 0.2592, 0.2946



94.2785, 0.3481, 0.3137

Complementary

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



94.2785, 0.3318, 0.3797



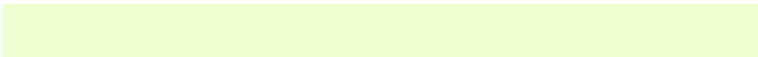
66.2726, 0.2908, 0.2765

Split Complementary

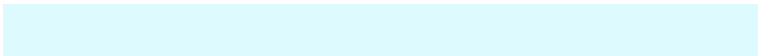
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.2785, 0.3206, 0.2942



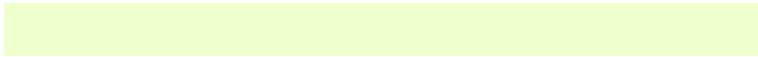
94.2785, 0.3318, 0.3797



94.2785, 0.2699, 0.2829

Square

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



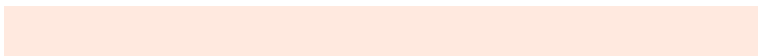
94.2785, 0.3318, 0.3797



94.2785, 0.2620, 0.3167



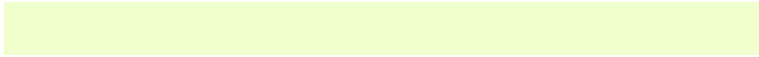
94.2785, 0.2920, 0.2831



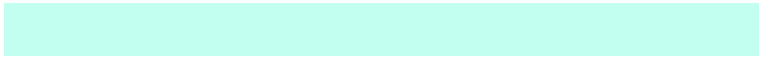
94.2785, 0.3662, 0.3374

Rectangle

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



94.2785, 0.3318, 0.3797



94.2785, 0.2853, 0.3528



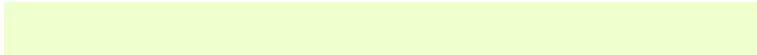
94.2785, 0.2920, 0.2831



94.2785, 0.3396, 0.3065

Sweetspot

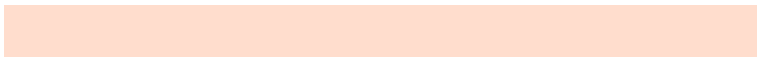
The Sweet Spot groups the original color and five complimentary colors.



94.2826, 0.3318, 0.3797



98.1375, 0.3185, 0.3439



77.3060, 0.3486, 0.3452



20.9634, 0.3192, 0.3455



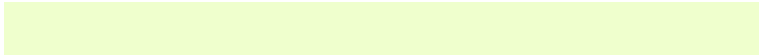
0.0000, 0.0000, 0.0000



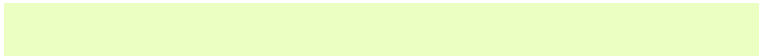
21.4041, 0.3127, 0.3290

Same Dimension

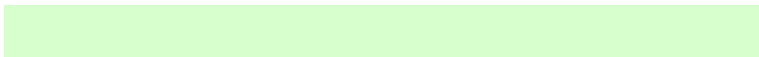
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.2826, 0.3318, 0.3797



93.1422, 0.3360, 0.3918



90.2532, 0.3159, 0.3823



20.7826, 0.3219, 0.3528



42.1250, 0.3639, 0.5493



4.1603, 0.3703, 0.5442

Inverse Universe

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



66.2726, 0.2908, 0.2765



59.9155, 0.2850, 0.2633



70.4626, 0.3084, 0.2792



17.6596, 0.3029, 0.3048



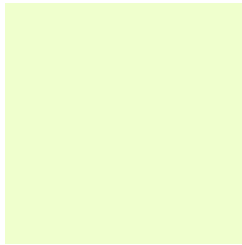
4.7693, 0.1725, 0.0724



0.5201, 0.1845, 0.0790

Previews

White Background



This preview shows how the Yxy color 94.2785, 0.3318, 0.3797 looks on a white background.

Color Contrast Check

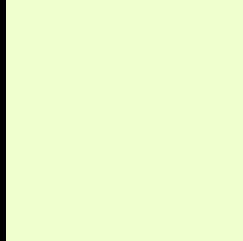
Large Text (above 18pt) WCAG AA × Fail

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 94.2785, 0.3318, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

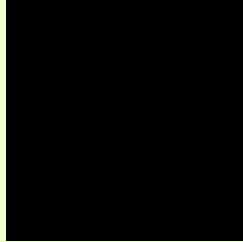
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

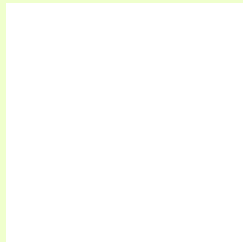
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.2785, 0.3318, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 94.2785, 0.3318, 0.3797.

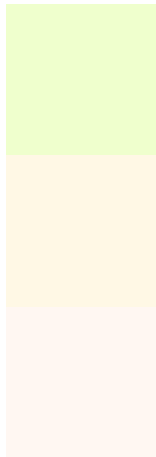


This preview shows how white text looks on a background with the Yxy color 94.2785, 0.3318, 0.3797.

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

94.2785, 0.3318, 0.3797

Protanopia

94.0519, 0.3287, 0.3476

Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

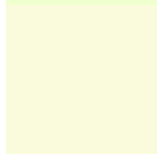
94.3113, 0.3086, 0.3222

Trichromacy



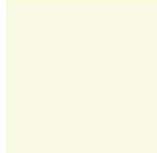
Original Color

94.2785, 0.3318, 0.3797



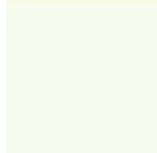
Protanomaly

94.3014, 0.3299, 0.3597



Deuteranomaly

94.1681, 0.3246, 0.3497



Tritanomaly

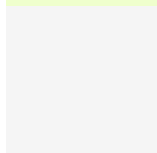
94.5213, 0.3171, 0.3428

Monochromacy



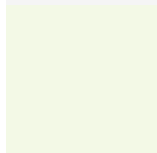
Original Color

94.2785, 0.3318, 0.3797



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.5192, 0.3202, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2785, 0.3318, 0.3797 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(239, 255, 205)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 205)  
}
```

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(239, 255, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 205) }
```

Border

The CSS property to change the border of an element to Yxy 94.2785, 0.3318, 0.3797 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(239, 255, 205) }
```

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

```
.border{ border-color:rgb(239, 255, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 205);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2785, 0.3318, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 205) }
```

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

```
.background{ background-color: rgb(239,  
255, 205) }
```

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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