

Converting Colors

$Yxy(94.8094, 0.3247, 0.3676)$

Have a look what the booklet for
Yxy(94.8094, 0.3247, 0.3676)
contains.

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Color

Yxy(94.8805, 0.3247, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFD9
RGB	239, 255, 217
RGB Percent	94%, 100%, 85%
CMY	0.0629, 0.0000, 0.1489
CMYK	0.06, 0.00, 0.15, 0.00
HSL	85°, 100%, 93%
HSV	85°, 15%, 100%
XYZ	83.8761, 94.8805, 79.5622
YIQ	245.8840, 2.6620, -15.2100

Conversions

Conversions Part 2

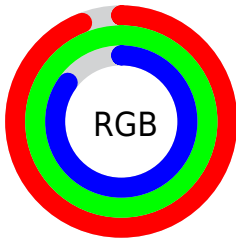
Format	Color
R_{YB}	217, 255, 233
Decimal	15728601
CIE _{Lab}	97.99, -11.73, 16.39
CIE _{LCh}	98, 20.151, 125.592
Yxy	94.8805, 0.3247, 0.3673
Android (android.graphics.Color)	4293918681 (0xFFEFFFFD9)
YUV	245.8840, -14.2398, -6.0373
Hunter-Lab	97.4066, -16.7566, 19.7563

Details

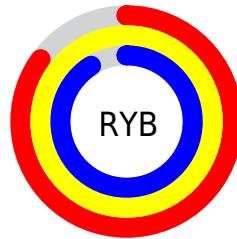
The Yxy color **94.8805, 0.3247, 0.3673** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.1998, 0.2993, 0.2903**, and the grayscale version is **92.1703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.0641, 0.3273, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **91.8317, 0.3326, 0.3952**, and if you desaturate by 10%, it is **98.2384, 0.3166, 0.3411**.

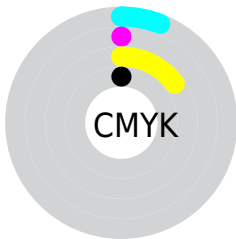
Distribution



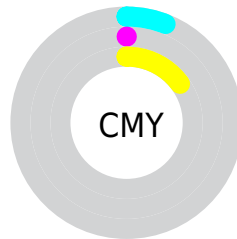
- Red (94%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (91%)



- Cyan (6%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.8805, 0.3247, 0.3673 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 94.8805, 0.3247, 0.3673 by changing the saturation by 10% instead.


 94.8805, 0.3247,
0.3673

 94.8805, 0.3247,
0.3673


543.7823, 0.3196,
0.3501

 72.0355, 0.3258,
0.3711


154.0995, 0.3230,
0.3614

 53.1877, 0.3270,
0.3758


191.2423, 0.3223,
0.3591

 37.9526, 0.3286,
0.3816


233.9198, 0.3217,
0.3571

 25.9459, 0.3305,
0.3891

282.5165, 0.3212,
0.3553

 16.7832, 0.3329,
0.3990

337.4167, 0.3207,
0.3538

 10.0800, 0.3359,
0.4127

399.0048, 0.3203,

 5.4521, 0.3398,

0.3524

0.4330

467.6652, 0.3199,
0.3512

■ 2.5149, 0.3447,
0.4658

■ 0.8841, 0.3852,
0.6148

■ 94.8805, 0.3247,
0.3673

■ 94.8805, 0.3247,
0.3673

■ 91.8317, 0.3326,
0.3952

■ 98.2384, 0.3166,
0.3411

■ 89.0921, 0.3399,
0.4242

100.0000, 0.3127,
0.3290

■ 86.6458, 0.3463,
0.4535

■ 84.4798, 0.3512,
0.4817

■ 82.5797, 0.3542,
0.5076

■ 80.9298, 0.3549,
0.5298

■ 79.5117, 0.3532,
0.5469

■ 78.3034, 0.3491,
0.5587

■ 77.7516, 0.3465,
0.5631

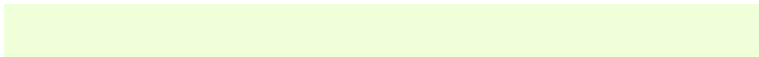
Harmonies

Analogous

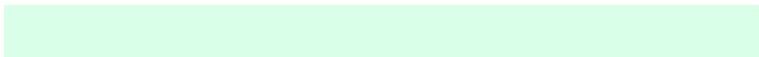
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8805, 0.3443, 0.3666



94.8805, 0.3247, 0.3673



94.8805, 0.3024, 0.3566

Triad

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



94.8805, 0.3247, 0.3673



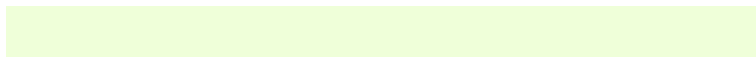
94.8805, 0.2715, 0.3006



94.8805, 0.3426, 0.3197

Complementary

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



94.8805, 0.3247, 0.3673



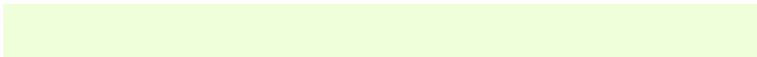
74.1998, 0.2993, 0.2903

Split Complementary

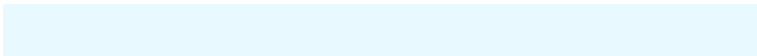
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.8805, 0.3221, 0.3036



94.8805, 0.3247, 0.3673



94.8805, 0.2813, 0.2925

Square

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



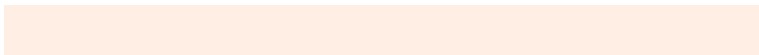
94.8805, 0.3247, 0.3673



94.8805, 0.2722, 0.3170



94.8805, 0.2996, 0.2937



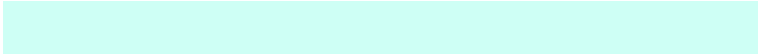
94.8805, 0.3550, 0.3385

Rectangle

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



94.8805, 0.3247, 0.3673



94.8805, 0.2890, 0.3446



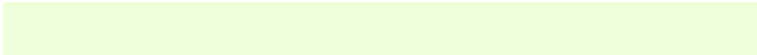
94.8805, 0.2996, 0.2937



94.8805, 0.3364, 0.3138

Sweetspot

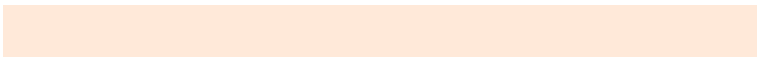
The Sweet Spot groups the original color and five complimentary colors.



94.8767, 0.3247, 0.3673



98.5525, 0.3159, 0.3389



84.4672, 0.3383, 0.3448



21.0373, 0.3165, 0.3407



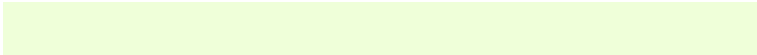
0.0000, 0.0000, 0.0000



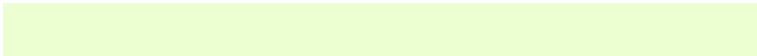
21.4041, 0.3127, 0.3290

Same Dimension

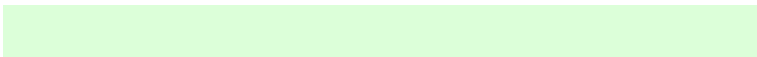
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.8767, 0.3247, 0.3673



93.8955, 0.3272, 0.3758



91.7786, 0.3128, 0.3687



20.6863, 0.3204, 0.3529



40.7167, 0.3476, 0.5622



4.0288, 0.3555, 0.5559

Inverse Universe

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



74.1998, 0.2993, 0.2903



69.4433, 0.2961, 0.2816



77.5295, 0.3122, 0.2918



17.7526, 0.3045, 0.3049



5.5117, 0.1879, 0.0809



0.5993, 0.2005, 0.0878

Previews

White Background



This preview shows how the Yxy color 94.8805, 0.3247, 0.3673 looks on a white background.

Color Contrast Check

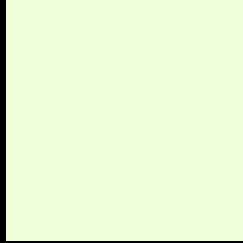
Large Text (above 18pt) WCAG AA × Fail

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 94.8805, 0.3247, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

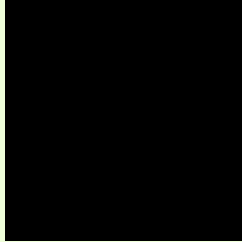
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

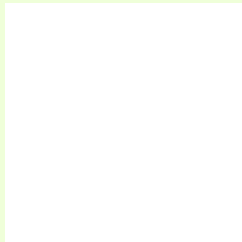
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.8805, 0.3247, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 94.8805, 0.3247, 0.3673.

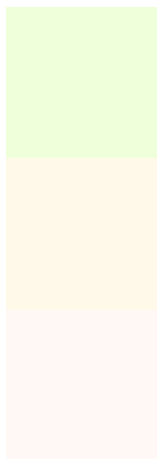


This preview shows how white text looks on a background with the Yxy color 94.8805, 0.3247, 0.3673.

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

94.8805, 0.3247, 0.3673

Protanopia

94.8946, 0.3262, 0.3446

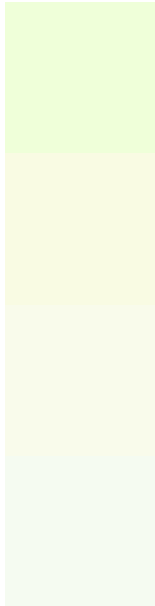
Deuteranopia

94.9874, 0.3190, 0.3319

Tritanopia

94.9278, 0.3086, 0.3232

Trichromacy



Original Color

94.8805, 0.3247, 0.3673

Protanomaly

94.6801, 0.3257, 0.3527

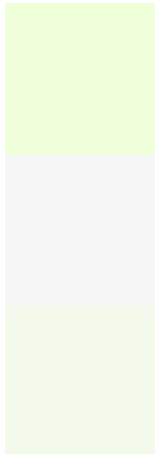
Deuteranomaly

95.1323, 0.3209, 0.3447

Tritanomaly

94.7577, 0.3148, 0.3388

Monochromacy



Original Color

94.8805, 0.3247, 0.3673

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.8042, 0.3172, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8805, 0.3247, 0.3673 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 217) }
```

Border

The CSS property to change the border of an element to Yxy 94.8805, 0.3247, 0.3673 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, 217) }
```

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

```
.border{ border-color:rgb(239, 255, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8805, 0.3247, 0.3673 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, 217) }
```

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

```
.background{ background-color: rgb(239,  
255, 217) }
```

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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