

Converting Colors

$Y_{xy}(101.7947, 0.3264, 0.3761)$

Have a look what the booklet for
Yxy(101.7947, 0.3264, 0.3761)
contains.

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Color

Yxy(95.5844, 0.3273, 0.3670)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFD9
RGB	243, 255, 217
RGB Percent	95%, 100%, 85%
CMY	0.0471, 0.0000, 0.1489
CMYK	0.05, 0.00, 0.15, 0.00
HSL	79°, 100%, 93%
HSV	79°, 15%, 100%
XYZ	85.2446, 95.5844, 79.6189
YIQ	247.0800, 5.0460, -14.3620

Conversions

Conversions Part 2

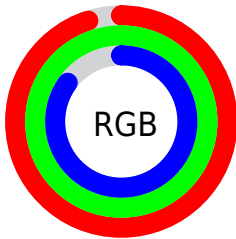
Format	Color
R _Y B	217, 255, 229
Decimal	15990745
CIE Lab	98.27, -10.35, 16.83
CIE LCh	98, 19.754, 121.582
Yxy	95.5844, 0.3273, 0.3670
Android (android.graphics.Color)	4294180825 (0xFFFF3FFD9)
YUV	247.0800, -14.8294, -3.5782
Hunter-Lab	97.7673, -15.4562, 20.1530

Details

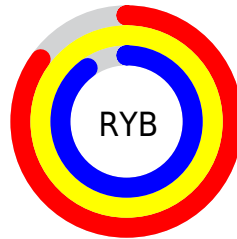
The Yxy color **95.5844, 0.3273, 0.3670** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.5243, 0.2966, 0.2900**, and the grayscale version is **93.1976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.5616, 0.3306, 0.3751** is the 20% darker color. If you saturate the color by 10%, you get **92.9525, 0.3370, 0.3943**, and if you desaturate by 10%, it is **98.4815, 0.3175, 0.3411**.

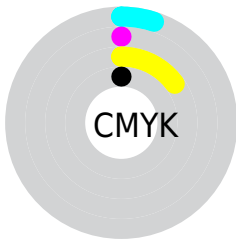
Distribution



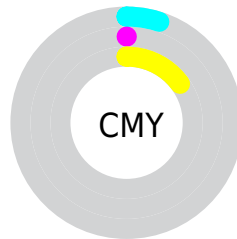
- Red (95%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.5844, 0.3273, 0.3670 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 95.5844, 0.3273, 0.3670 by changing the saturation by 10% instead.

 95.5844, 0.3273,
0.3670

 95.5844, 0.3273,
0.3670


546.0342, 0.3210,
0.3500

 72.6215, 0.3286,
0.3708


155.0717, 0.3252,
0.3612

 53.6665, 0.3302,
0.3754

192.3649, 0.3244,
0.3589

 38.3351, 0.3321,
0.3811


235.2036, 0.3237,
0.3569

 26.2429, 0.3345,
0.3884

283.9723, 0.3230,
0.3552

 17.0054, 0.3375,
0.3981

339.0553, 0.3224,
0.3536

 10.2384, 0.3414,
0.4114

400.8370, 0.3219,

 5.5573, 0.3466,

0.3523

0.4311

469.7018, 0.3215,
0.3511

■ 2.5778, 0.3535,
0.4624

■ 0.9155, 0.4027,
0.5973

■ 95.5844, 0.3273,
0.3670

■ 95.5844, 0.3273,
0.3670

■ 92.9525, 0.3370,
0.3943

■ 98.4815, 0.3175,
0.3411

■ 90.5799, 0.3463,
0.4223

100.0000, 0.3127,
0.3290

■ 88.4544, 0.3545,
0.4500

■ 86.5641, 0.3613,
0.4765

■ 84.8959, 0.3660,
0.5003

■ 83.4353, 0.3684,
0.5203

■ 82.1652, 0.3682,
0.5356

■ 81.0652, 0.3655,
0.5458

■ 80.5542, 0.3635,
0.5496

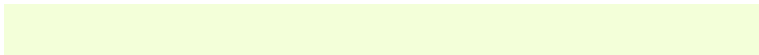
Harmonies

Analogous

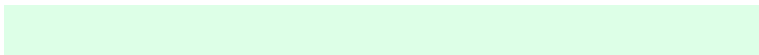
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5844, 0.3457, 0.3649



95.5844, 0.3273, 0.3670



95.5844, 0.3055, 0.3580

Triad

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



95.5844, 0.3273, 0.3670



95.5844, 0.2718, 0.3030



95.5844, 0.3396, 0.3175

Complementary

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



95.5844, 0.3273, 0.3670



73.5243, 0.2966, 0.2900

Split Complementary

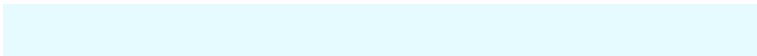
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.5844, 0.3189, 0.3024



95.5844, 0.3273, 0.3670



95.5844, 0.2802, 0.2938

Square

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



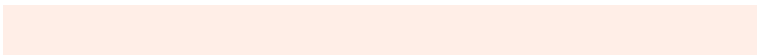
95.5844, 0.3273, 0.3670



95.5844, 0.2740, 0.3199



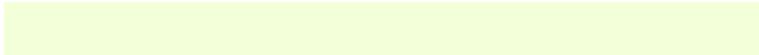
95.5844, 0.2972, 0.2938



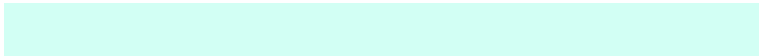
95.5844, 0.3531, 0.3359

Rectangle

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



95.5844, 0.3273, 0.3670



95.5844, 0.2919, 0.3468



95.5844, 0.2972, 0.2938



95.5844, 0.3332, 0.3120

Sweetspot

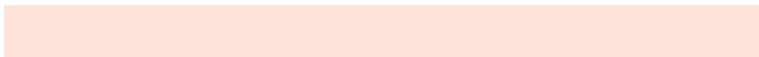
The Sweet Spot groups the original color and five complimentary colors.



95.5829, 0.3273, 0.3670



98.7533, 0.3166, 0.3388



81.9884, 0.3390, 0.3405



21.0882, 0.3173, 0.3407



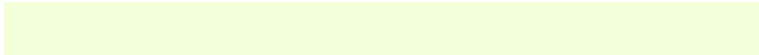
0.0000, 0.0000, 0.0000



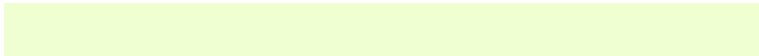
21.4041, 0.3127, 0.3290

Same Dimension

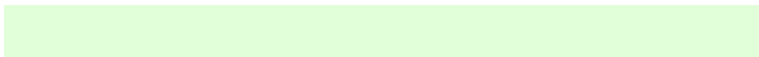
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5829, 0.3273, 0.3670



94.7370, 0.3303, 0.3754



92.4778, 0.3156, 0.3684



20.7856, 0.3220, 0.3528



42.1746, 0.3644, 0.5488



4.1648, 0.3708, 0.5438

Inverse Universe

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



73.5243, 0.2966, 0.2900



68.6574, 0.2927, 0.2811



76.7072, 0.3092, 0.2914



17.6566, 0.3028, 0.3048



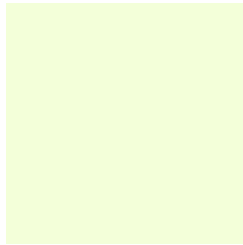
4.7495, 0.1721, 0.0721



0.5179, 0.1840, 0.0787

Previews

White Background



This preview shows how the Yxy color 95.5844, 0.3273, 0.3670 looks on a white background.

Color Contrast Check

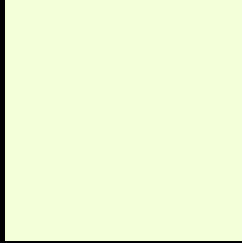
Large Text (above 18pt) WCAG AA × Fail

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 95.5844, 0.3273, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

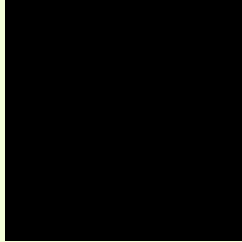
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

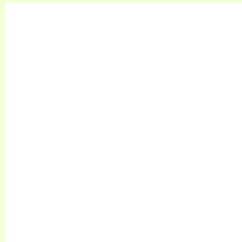
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 95.5844, 0.3273, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 95.5844, 0.3273, 0.3670.

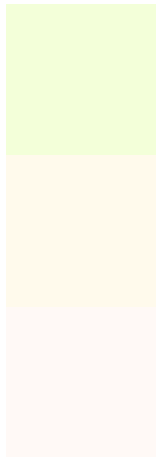


This preview shows how white text looks on a background with the Yxy color 95.5844, 0.3273, 0.3670.

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

95.5844, 0.3273, 0.3670

Protanopia

95.6873, 0.3243, 0.3426

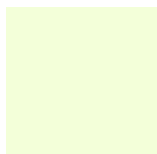
Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

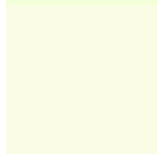
95.2954, 0.3098, 0.3232

Trichromacy



Original Color

95.5844, 0.3273, 0.3670



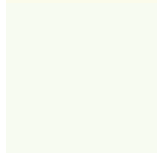
Protanomaly

95.7872, 0.3257, 0.3516



Deuteranomaly

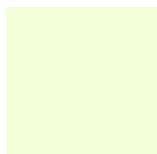
95.5017, 0.3222, 0.3446



Tritanomaly

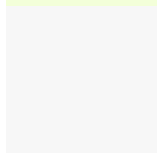
95.1194, 0.3160, 0.3388

Monochromacy



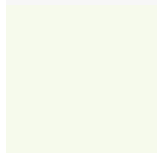
Original Color

95.5844, 0.3273, 0.3670



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.0202, 0.3184, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.5844, 0.3273, 0.3670 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, 255, 217)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 255, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 217) }
```

Border

The CSS property to change the border of an element to Yxy 95.5844, 0.3273, 0.3670 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, 255, 217) }
```

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

```
.border{ border-color:rgb(243, 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(243, 255, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5844, 0.3273, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 217) }
```

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

```
.background{ background-color: rgb(243,  
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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