

Converting Colors

$Y_{xy}(243.8245, 0.3181, 0.4837)$

Have a look what the booklet for
Yxy(243.8245, 0.3181, 0.4837)
contains.

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Color

Yxy(96.3629, 0.3348, 0.3726)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFD3
RGB	249, 255, 211
RGB Percent	98%, 100%, 83%
CMY	0.0235, 0.0000, 0.1725
CMYK	0.02, 0.00, 0.17, 0.00
HSL	68°, 100%, 91%
HSV	68°, 17%, 100%
XYZ	86.5870, 96.3629, 75.6731
YIQ	248.1900, 10.5480, -14.9560

Conversions

Conversions Part 2

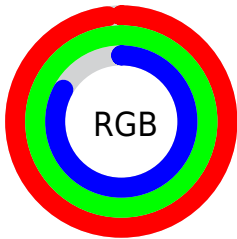
Format	Color
R_{YB}	211, 255, 217
Decimal	16383955
CIE _{Lab}	98.58, -9.16, 20.39
CIE _{LCh}	99, 22.352, 114.196
Yxy	96.3629, 0.3348, 0.3726
Android (android.graphics.Color)	4294574035 (0xFFF9FFD3)
YUV	248.1900, -18.3347, 0.7104
Hunter-Lab	98.1646, -14.3406, 23.0098

Details

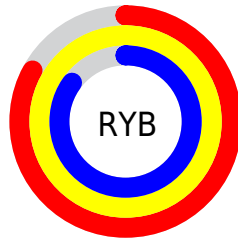
The Yxy color **96.3629, 0.3348, 0.3726** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.5697, 0.2883, 0.2825**, and the grayscale version is **94.1809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.9949, 0.3393, 0.3822** is the 20% darker color. If you saturate the color by 10%, you get **94.5521, 0.3476, 0.3989**, and if you desaturate by 10%, it is **98.3913, 0.3219, 0.3469**.

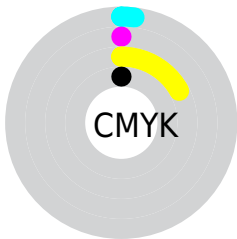
Distribution



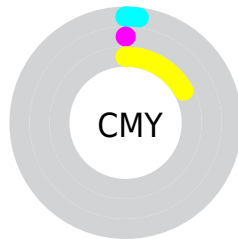
- Red (98%)
- Green (100%)
- Blue (83%)



- Red (83%)
- Yellow (100%)
- Blue (85%)



- Cyan (2%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (2%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.3629, 0.3348, 0.3726 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 96.3629, 0.3348, 0.3726 by changing the saturation by 10% instead.


 96.3629, 0.3348,
0.3726

 96.3629, 0.3348,
0.3726

548.5190, 0.3253,
0.3531

 73.2698, 0.3368,
0.3769

156.1462, 0.3316,
0.3660

 54.1966, 0.3392,
0.3821

193.6052, 0.3304,
0.3634

 38.7589, 0.3422,
0.3886


236.6216, 0.3292,
0.3611

 26.5722, 0.3458,
0.3968

285.5798, 0.3283,
0.3591

 17.2522, 0.3504,
0.4076

340.8643, 0.3274,
0.3573

 10.4145, 0.3564,
0.4225

402.8594, 0.3266,

 5.6746, 0.3644,

0.3558

0.4439

471.9495, 0.3259,
0.3544

■ 2.6483, 0.3754,
0.4778

■ 0.9510, 0.4165,
0.5835

■ 96.3629, 0.3348,
0.3726

■ 96.3629, 0.3348,
0.3726

■ 94.5521, 0.3476,
0.3989

■ 98.3913, 0.3219,
0.3469

■ 92.9450, 0.3600,
0.4249

100.0000, 0.3127,
0.3290

■ 91.5325, 0.3712,
0.4498

■ 90.3035, 0.3809,
0.4723

■ 89.2453, 0.3883,
0.4916

■ 88.3436, 0.3933,
0.5067

■ 87.5817, 0.3955,
0.5172

■ 86.9380, 0.3953,
0.5233

■ 86.7728, 0.3950,
0.5245

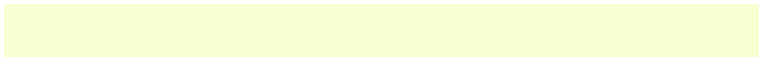
Harmonies

Analogous

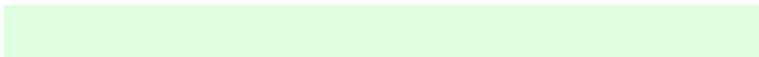
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.3629, 0.3537, 0.3670



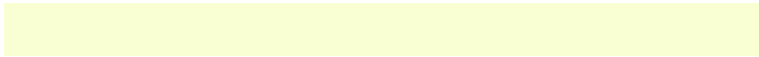
96.3629, 0.3348, 0.3726



96.3629, 0.3105, 0.3655

Triad

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



96.3629, 0.3348, 0.3726



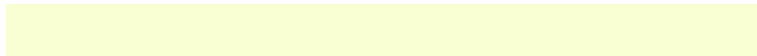
96.3629, 0.2662, 0.3036



96.3629, 0.3378, 0.3114

Complementary

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



96.3629, 0.3348, 0.3726



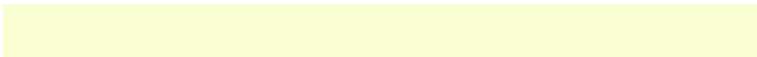
68.5697, 0.2883, 0.2825

Split Complementary

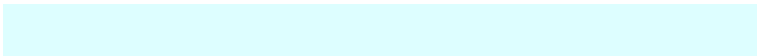
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.3629, 0.3134, 0.2960



96.3629, 0.3348, 0.3726



96.3629, 0.2728, 0.2910

Square

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



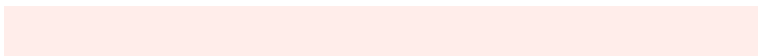
96.3629, 0.3348, 0.3726



96.3629, 0.2715, 0.3241



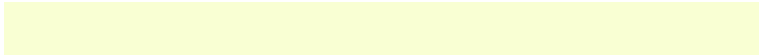
96.3629, 0.2897, 0.2885



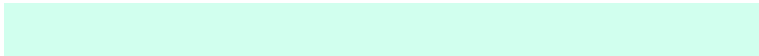
96.3629, 0.3556, 0.3314

Rectangle

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



96.3629, 0.3348, 0.3726



96.3629, 0.2946, 0.3543



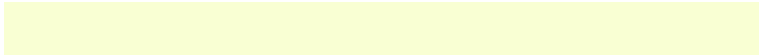
96.3629, 0.2897, 0.2885



96.3629, 0.3300, 0.3056

Sweetspot

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



96.3644, 0.3348, 0.3726



98.8777, 0.3190, 0.3413



75.5278, 0.3450, 0.3350



21.1311, 0.3199, 0.3430



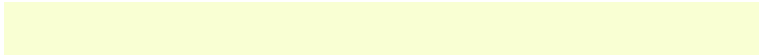
0.0000, 0.0000, 0.0000



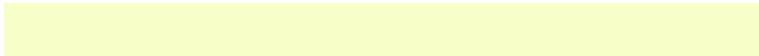
21.4041, 0.3127, 0.3290

Same Dimension

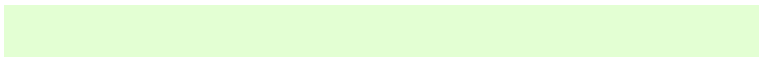
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.3644, 0.3348, 0.3726



95.6599, 0.3396, 0.3824



92.5781, 0.3206, 0.3746



20.9578, 0.3248, 0.3526



45.3892, 0.3954, 0.5242



4.4526, 0.3983, 0.5219

Inverse Universe

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



68.5697, 0.2883, 0.2825



62.7223, 0.2822, 0.2712



72.1447, 0.3033, 0.2846



17.4964, 0.3000, 0.3046



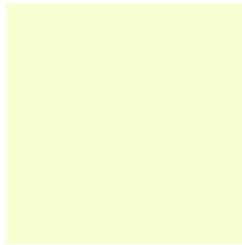
3.9932, 0.1552, 0.0628



0.4234, 0.1633, 0.0673

Previews

White Background



This preview shows how the Yxy color 96.3629, 0.3348, 0.3726 looks on a white background.

Color Contrast Check

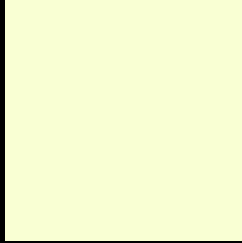
Large Text (above 18pt) WCAG AA × Fail

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 96.3629, 0.3348, 0.3726 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

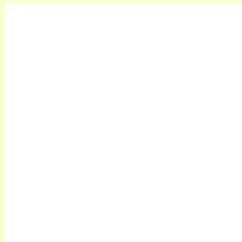
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.3629, 0.3348, 0.3726

Background



This preview shows how black text looks on a background with the Yxy color 96.3629, 0.3348, 0.3726.



This preview shows how white text looks on a background with the Yxy color 96.3629, 0.3348, 0.3726.

Color Blindness Simulation

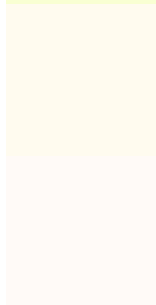
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.3629, 0.3348, 0.3726



Protanopia

96.4864, 0.3224, 0.3406

Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

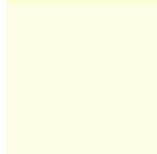
96.2867, 0.3111, 0.3242

Trichromacy



Original Color

96.3629, 0.3348, 0.3726



Protanomaly

96.1606, 0.3270, 0.3515



Deuteranomaly

96.4440, 0.3240, 0.3465



Tritanomaly

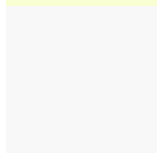
96.3620, 0.3197, 0.3417

Monochromacy



Original Color

96.3629, 0.3348, 0.3726



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.9490, 0.3202, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.3629, 0.3348, 0.3726 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(249, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 211)  
}
```

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(249, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 211) }
```

Border

The CSS property to change the border of an element to Yxy 96.3629, 0.3348, 0.3726 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(249, 255, 211) }
```

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

```
.border{ border-color:rgb(249, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 96.3629, 0.3348, 0.3726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 211) }
```

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

```
.background{ background-color: rgb(249,  
255, 211) }
```

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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double the colors in the color bucket, and more
awesome pro features!

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