

Converting Colors

$Yxy(97.0256, 0.3307, 0.3641)$

Have a look what the booklet for
Yxy(97.0256, 0.3307, 0.3641)
contains.

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Color

Yxy(96.9585, 0.3307, 0.3645)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FAFFDB |
| RGB | 250, 255, 219 |
| RGB Percent | 98%, 100%, 86% |
| CMY | 0.0196, 0.0000, 0.1413 |
| CMYK | 0.02, 0.00, 0.14, 0.00 |
| HSL | 68°, 100%, 93% |
| HSV | 68°, 14%, 100% |
| XYZ | 87.9676, 96.9585, 81.0781 |
| YIQ | 249.4010, 8.5760, -12.2560 |

Conversions

Conversions Part 2

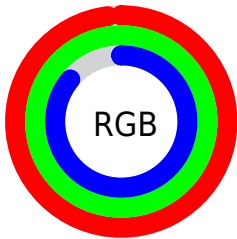
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 219, 255, 224 |
| Decimal | 16449499 |
| CIE Lab | 98.81, -7.61, 16.67 |
| CIE LCh | 99, 18.330, 114.544 |
| Yxy | 96.9585, 0.3307, 0.3645 |
| Android (android.graphics.Color) | 4294639579 (0xFFFAFFDB) |
| YUV | 249.4010, -14.9877, 0.5253 |
| Hunter-Lab | 98.4675, -12.8522, 20.1079 |

Details

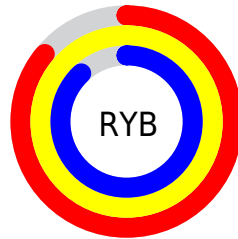
The Yxy color **96.9585, 0.3307, 0.3645** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.7136, 0.2932, 0.2916**, and the grayscale version is **95.1958, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.4060, 0.3341, 0.3718** is the 20% darker color. If you saturate the color by 10%, you get **95.0678, 0.3436, 0.3907**, and if you desaturate by 10%, it is **99.0646, 0.3179, 0.3391**.

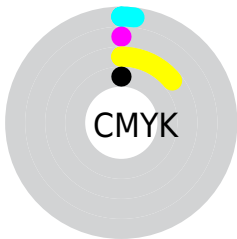
Distribution



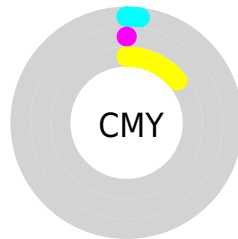
- Red (98%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.9585, 0.3307, 0.3645 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 96.9585, 0.3307, 0.3645 by changing the saturation by 10% instead.

 96.9585, 0.3307,
0.3645

 96.9585, 0.3307,
0.3645

550.4161, 0.3229,
0.3487

 73.7661, 0.3324,
0.3680


156.9676, 0.3281,
0.3591

 54.6026, 0.3343,
0.3722

194.5531, 0.3271,
0.3570

 39.0837, 0.3368,
0.3774


237.7051, 0.3262,
0.3552

 26.8248, 0.3398,
0.3841

286.8079, 0.3254,
0.3536

 17.4417, 0.3437,
0.3929

342.2461, 0.3246,
0.3521

 10.5499, 0.3488,
0.4049

404.4039, 0.3240,

 5.7651, 0.3558,

0.3509

0.4224

473.6657, 0.3234,
0.3497

■ 2.7028, 0.3657,
0.4498

■ 0.9786, 0.4310,
0.5690

■ 96.9585, 0.3307,
0.3645

■ 96.9585, 0.3307,
0.3645

■ 95.0678, 0.3436,
0.3907

■ 99.0646, 0.3179,
0.3391

■ 93.3871, 0.3561,
0.4169

100.0000, 0.3127,
0.3290

■ 91.9048, 0.3677,
0.4423

■ 90.6099, 0.3778,
0.4657

■ 89.4904, 0.3860,
0.4862

■ 88.5326, 0.3917,
0.5027

■ 87.7205, 0.3947,
0.5147

■ 87.0347, 0.3952,
0.5221

■ 86.6747, 0.3946,
0.5249

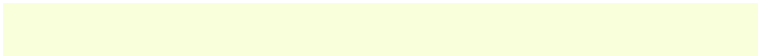
Harmonies

Analogous

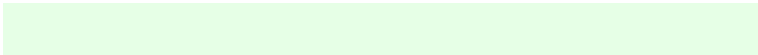
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.9585, 0.3461, 0.3603



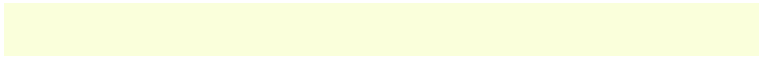
96.9585, 0.3307, 0.3645



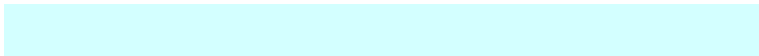
96.9585, 0.3108, 0.3585

Triad

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



96.9585, 0.3307, 0.3645



96.9585, 0.2744, 0.3082



96.9585, 0.3335, 0.3147

Complementary

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



96.9585, 0.3307, 0.3645



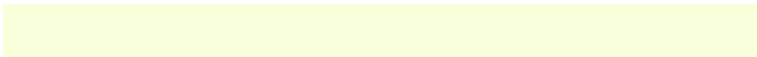
73.7136, 0.2932, 0.2916

Split Complementary

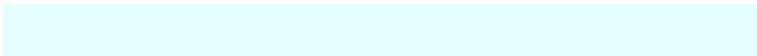
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.9585, 0.3136, 0.3018



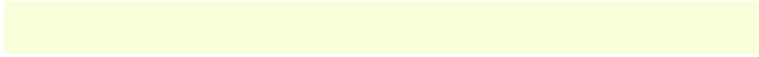
96.9585, 0.3307, 0.3645



96.9585, 0.2800, 0.2977

Square

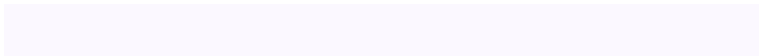
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



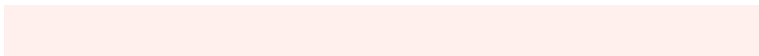
96.9585, 0.3307, 0.3645



96.9585, 0.2787, 0.3250



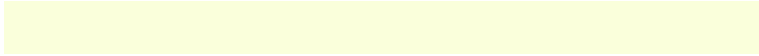
96.9585, 0.2941, 0.2956



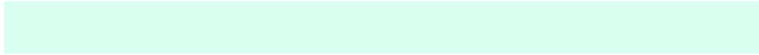
96.9585, 0.3479, 0.3314

Rectangle

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



96.9585, 0.3307, 0.3645



96.9585, 0.2977, 0.3493



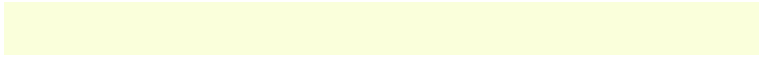
96.9585, 0.2941, 0.2956



96.9585, 0.3272, 0.3098

Sweetspot

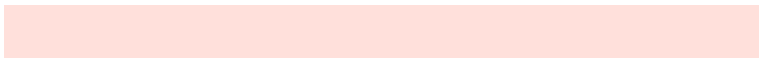
The Sweet Spot groups the original color and five complimentary colors.



96.9572, 0.3307, 0.3645



99.0929, 0.3177, 0.3388



79.5657, 0.3383, 0.3339



21.1743, 0.3187, 0.3407



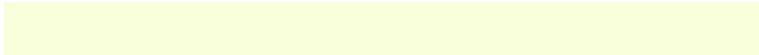
0.0000, 0.0000, 0.0000



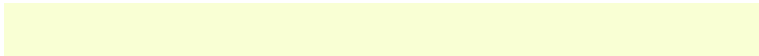
21.4041, 0.3127, 0.3290

Same Dimension

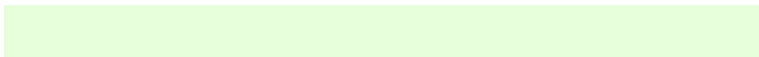
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.9572, 0.3307, 0.3645



96.3925, 0.3344, 0.3720



93.8199, 0.3192, 0.3658



20.9554, 0.3248, 0.3526



45.3387, 0.3950, 0.5246



4.4481, 0.3979, 0.5222

Inverse Universe

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



73.7136, 0.2932, 0.2916



68.9862, 0.2888, 0.2833



76.7106, 0.3052, 0.2930



17.4986, 0.3000, 0.3046



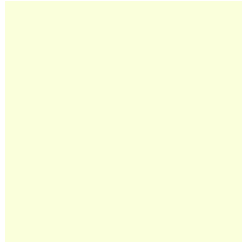
3.9994, 0.1553, 0.0629



0.4244, 0.1635, 0.0674

Previews

White Background



This preview shows how the Yxy color 96.9585, 0.3307, 0.3645 looks on a white background.

Color Contrast Check

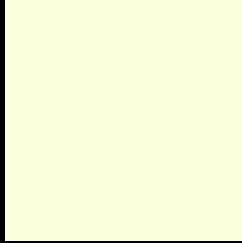
Large Text (above 18pt) WCAG AA × Fail

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 96.9585, 0.3307, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

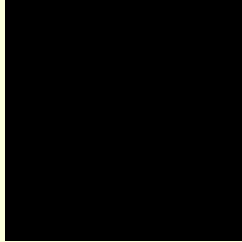
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

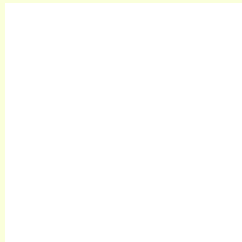
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.9585, 0.3307, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 96.9585, 0.3307, 0.3645.



This preview shows how white text looks on a background with the Yxy color 96.9585, 0.3307, 0.3645.

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

96.9585, 0.3307, 0.3645



Protanopia

96.7254, 0.3200, 0.3367

Deuteranopia

97.0939, 0.3164, 0.3309

Tritanopia

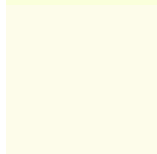
97.0970, 0.3116, 0.3252

Trichromacy



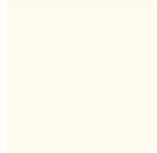
Original Color

96.9585, 0.3307, 0.3645



Protanomaly

96.4440, 0.3240, 0.3465



Deuteranomaly

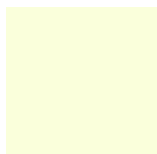
96.6765, 0.3216, 0.3426



Tritanomaly

96.7271, 0.3186, 0.3387

Monochromacy



Original Color

96.9585, 0.3307, 0.3645



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

95.3071, 0.3191, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.9585, 0.3307, 0.3645 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(250, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 219)  
}
```

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(250, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 219) }
```

Border

The CSS property to change the border of an element to Yxy 96.9585, 0.3307, 0.3645 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(250, 255, 219) }
```

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

```
.border{ border-color:rgb(250, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 96.9585, 0.3307, 0.3645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 219) }
```

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

```
.background{ background-color: rgb(250,  
255, 219) }
```

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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