

Converting Colors

$Yxy(97.6145, 0.3298, 0.3652)$

Have a look what the booklet for
Yxy(97.6145, 0.3298, 0.3652)
contains.

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Color

Yxy(96.7742, 0.3300, 0.3645)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFDB
RGB	249, 255, 219
RGB Percent	98%, 100%, 86%
CMY	0.0236, 0.0000, 0.1410
CMYK	0.02, 0.00, 0.14, 0.00
HSL	70°, 100%, 93%
HSV	70°, 14%, 100%
XYZ	87.6145, 96.7742, 81.1098
YIQ	249.1020, 7.9800, -12.4680

Conversions

Conversions Part 2

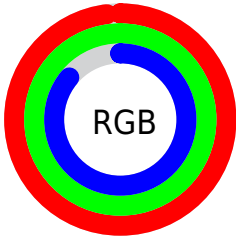
Format	Color
R_{YB}	219, 255, 225
Decimal	16383963
CIE _{Lab}	98.74, -7.95, 16.52
CIE _{LCh}	99, 18.339, 115.701
Y _{xy}	96.7742, 0.3300, 0.3645
Android (android.graphics.Color)	4294574043 (0xFFFF9FFDB)
YUV	249.1020, -14.8403, -0.0895
Hunter-Lab	98.3739, -13.1772, 19.9768

Details

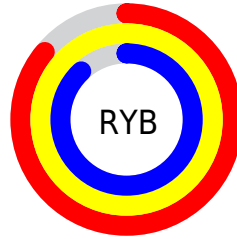
The Yxy color $96.7742, 0.3300, 0.3645$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $73.9239, 0.2939, 0.2918$, and the grayscale version is $94.9397, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $54.2750, 0.3332, 0.3719$ is the 20% darker color. If you saturate the color by 10%, you get $94.7578, 0.3424, 0.3908$, and if you desaturate by 10%, it is $99.0149, 0.3177, 0.3391$.

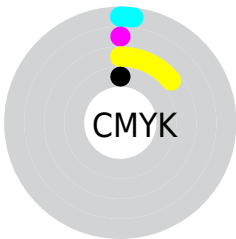
Distribution



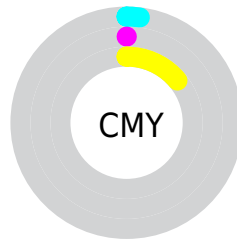
- Red (98%)
- Green (100%)
- Blue (86%)



- 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 96.7742, 0.3300, 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 96.7742, 0.3300, 0.3645 by changing the saturation by 10% instead.

 96.7742, 0.3300,
0.3645

 96.7742, 0.3300,
0.3645


549.8294, 0.3225,
0.3487

 73.6125, 0.3316,
0.3680

156.7135, 0.3275,
0.3591

 54.4770, 0.3335,
0.3722


194.2598, 0.3265,
0.3570

 38.9831, 0.3358,
0.3775


237.3699, 0.3256,
0.3552

 26.7466, 0.3387,
0.3841

286.4281, 0.3249,
0.3535

 17.3830, 0.3425,
0.3930

341.8187, 0.3242,
0.3521

 10.5079, 0.3474,
0.4051

403.9262, 0.3236,

 5.7370, 0.3541,

0.3508

0.4227

473.1350, 0.3230,
0.3497

■ 2.6858, 0.3634,
0.4504

■ 0.9700, 0.4279,
0.5721

■ 96.7742, 0.3300,
0.3645

■ 96.7742, 0.3300,
0.3645

■ 94.7578, 0.3424,
0.3908

■ 99.0149, 0.3177,
0.3391

■ 92.9551, 0.3543,
0.4173

100.0000, 0.3127,
0.3290

■ 91.3563, 0.3654,
0.4431

■ 89.9504, 0.3751,
0.4671

■ 88.7251, 0.3827,
0.4881

■ 87.6668, 0.3879,
0.5053

■ 86.7595, 0.3904,
0.5179

■ 85.9837, 0.3904,
0.5259

■ 85.5714, 0.3895,
0.5289

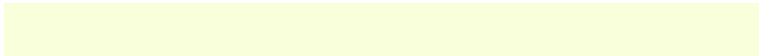
Harmonies

Analogous

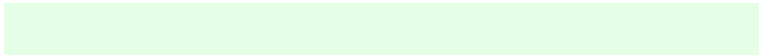
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.7742, 0.3457, 0.3607



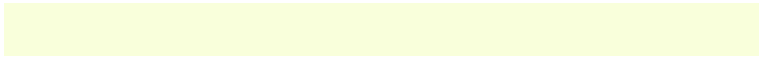
96.7742, 0.3300, 0.3645



96.7742, 0.3100, 0.3581

Triad

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



96.7742, 0.3300, 0.3645



96.7742, 0.2744, 0.3076



96.7742, 0.3342, 0.3153

Complementary

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



96.7742, 0.3300, 0.3645



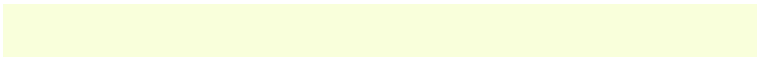
73.9239, 0.2939, 0.2918

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.



96.7742, 0.3144, 0.3022



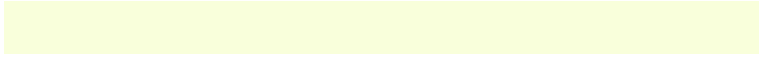
96.7742, 0.3300, 0.3645



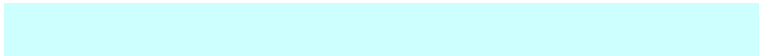
96.7742, 0.2803, 0.2974

Square

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



96.7742, 0.3300, 0.3645



96.7742, 0.2783, 0.3243



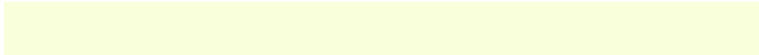
96.7742, 0.2948, 0.2957



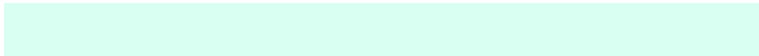
96.7742, 0.3483, 0.3320

Rectangle

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



96.7742, 0.3300, 0.3645



96.7742, 0.2970, 0.3487



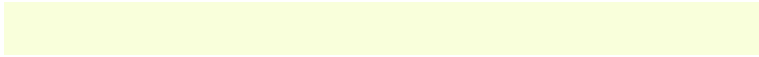
96.7742, 0.2948, 0.2957



96.7742, 0.3279, 0.3104

Sweetspot

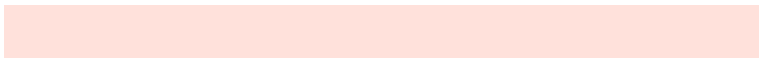
The Sweet Spot groups the original color and five complimentary colors.



96.7746, 0.3300, 0.3645



99.0383, 0.3176, 0.3388



80.2481, 0.3381, 0.3351



21.1605, 0.3185, 0.3407



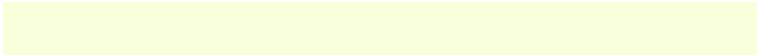
0.0000, 0.0000, 0.0000



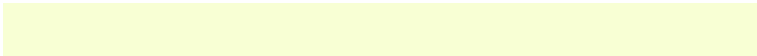
21.4041, 0.3127, 0.3290

Same Dimension

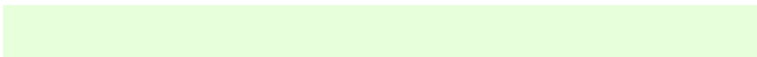
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.7746, 0.3300, 0.3645



96.1670, 0.3336, 0.3721



93.6309, 0.3185, 0.3658



20.9280, 0.3243, 0.3527



44.7697, 0.3900, 0.5285



4.3980, 0.3936, 0.5257

Inverse Universe

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



73.9239, 0.2939, 0.2918



69.1764, 0.2896, 0.2834



76.9645, 0.3061, 0.2931



17.5236, 0.3005, 0.3046



4.0793, 0.1572, 0.0639



0.4362, 0.1662, 0.0689

Previews

White Background



This preview shows how the Yxy color 96.7742, 0.3300, 0.3645 looks on a white background.

Color Contrast Check

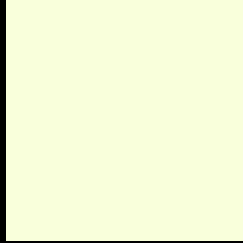
Large Text (above 18pt) WCAG AA × Fail

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 96.7742, 0.3300, 0.3645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

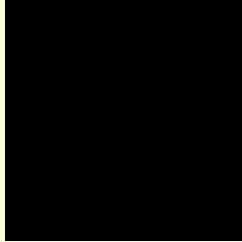
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.7742, 0.3300, 0.3645

Background



This preview shows how black text looks on a background with the Yxy color 96.7742, 0.3300, 0.3645.



This preview shows how white text looks on a background with the Yxy color 96.7742, 0.3300, 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

96.7742, 0.3300, 0.3645



Protanopia

96.6652, 0.3206, 0.3377

Deuteranopia

96.4708, 0.3165, 0.3300

Tritanopia

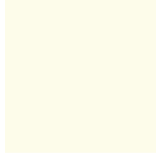
96.9098, 0.3110, 0.3252

Trichromacy



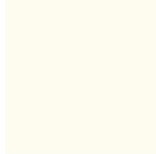
Original Color

96.7742, 0.3300, 0.3645



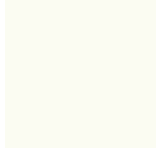
Protanomaly

96.4440, 0.3240, 0.3465



Deuteranomaly

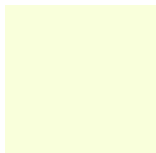
96.6765, 0.3216, 0.3426



Tritanomaly

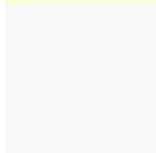
96.5408, 0.3179, 0.3387

Monochromacy



Original Color

96.7742, 0.3300, 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 96.7742, 0.3300, 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(249, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 219) }
```

Border

The CSS property to change the border of an element to Yxy 96.7742, 0.3300, 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(249, 255, 219) }
```

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

```
.border{ border-color:rgb(249, 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(249, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 96.7742, 0.3300, 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(249, 255, 219) }
```

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

```
.background{ background-color: rgb(249,  
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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