

Converting Colors

$Yxy(96.6062, 0.3332, 0.3693)$

Have a look what the booklet for
Yxy(96.6062, 0.3332, 0.3693)
contains.

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Color

Yxy(96.5148, 0.3330, 0.3696)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFD6
RGB	249, 255, 214
RGB Percent	98%, 100%, 84%
CMY	0.0236, 0.0000, 0.1608
CMYK	0.02, 0.00, 0.16, 0.00
HSL	69°, 100%, 92%
HSV	69°, 16%, 100%
XYZ	86.9573, 96.5148, 77.6610
YIQ	248.5320, 9.5850, -14.0230

Conversions

Conversions Part 2

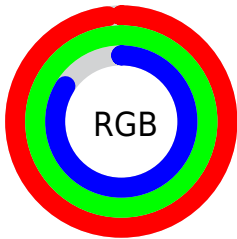
Format	Color
R_{YB}	214, 255, 220
Decimal	16383958
CIE _{Lab}	98.64, -8.73, 18.95
CIE _{LCh}	99, 20.869, 114.731
Y _{xy}	96.5148, 0.3330, 0.3696
Android (android.graphics.Color)	4294574038 (0xFFF9FFD6)
YUV	248.5320, -17.0243, 0.4104
Hunter-Lab	98.2419, -13.9269, 21.9002

Details

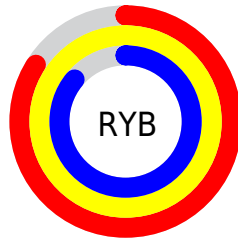
The Yxy color **96.5148, 0.3330, 0.3696** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **70.5306, 0.2904, 0.2860**, and the grayscale version is **94.4563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.0978, 0.3370, 0.3783** is the 20% darker color. If you saturate the color by 10%, you get **94.6260, 0.3457, 0.3959**, and if you desaturate by 10%, it is **98.6120, 0.3203, 0.3440**.

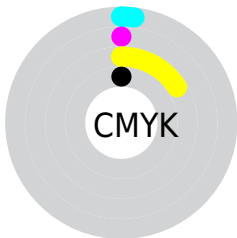
Distribution



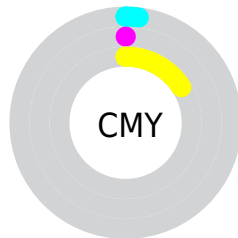
- Red (98%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (86%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.5148, 0.3330, 0.3696 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 96.5148, 0.3330, 0.3696 by changing the saturation by 10% instead.


 96.5148, 0.3330,
0.3696

 96.5148, 0.3330,
0.3696

549.0032, 0.3242,
0.3515

 73.3964, 0.3349,
0.3736

156.3557, 0.3301,
0.3634

 54.3001, 0.3371,
0.3784


193.8470, 0.3289,
0.3610

 38.8417, 0.3398,
0.3845


236.8980, 0.3279,
0.3589

 26.6366, 0.3432,
0.3921

285.8932, 0.3270,
0.3570

 17.3005, 0.3475,
0.4022

341.2169, 0.3262,
0.3554

 10.4490, 0.3531,
0.4160

403.2535, 0.3255,

 5.6976, 0.3606,

0.3540

0.4361

472.3875, 0.3248,
0.3527

■ 2.6621, 0.3708,
0.4674

■ 0.9580, 0.4207,
0.5793

■ 96.5148, 0.3330,
0.3696

■ 96.5148, 0.3330,
0.3696

■ 94.6260, 0.3457,
0.3959

■ 98.6120, 0.3203,
0.3440

■ 92.9500, 0.3579,
0.4221

100.0000, 0.3127,
0.3290

■ 91.4719, 0.3691,
0.4473

■ 90.1804, 0.3788,
0.4704

■ 89.0631, 0.3863,
0.4903

■ 88.1060, 0.3914,
0.5062

■ 87.2925, 0.3938,
0.5175

■ 86.6024, 0.3936,
0.5242

■ 86.3537, 0.3931,
0.5261

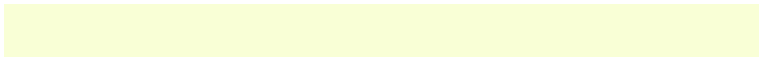
Harmonies

Analogous

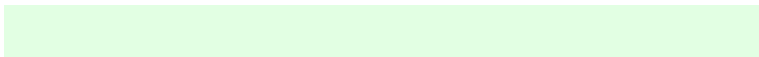
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.5148, 0.3507, 0.3647



96.5148, 0.3330, 0.3696



96.5148, 0.3103, 0.3627

Triad

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



96.5148, 0.3330, 0.3696



96.5148, 0.2693, 0.3051



96.5148, 0.3365, 0.3129

Complementary

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



96.5148, 0.3330, 0.3696



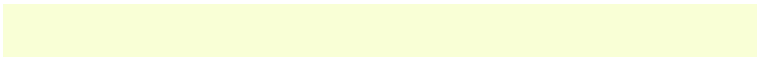
70.5306, 0.2904, 0.2860

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.



96.5148, 0.3139, 0.2983



96.5148, 0.3330, 0.3696



96.5148, 0.2756, 0.2933

Square

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



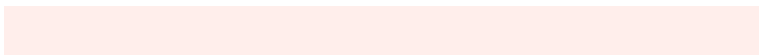
96.5148, 0.3330, 0.3696



96.5148, 0.2740, 0.3242



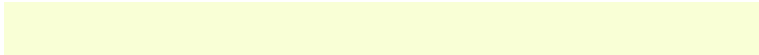
96.5148, 0.2916, 0.2911



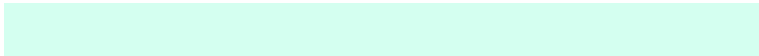
96.5148, 0.3529, 0.3317

Rectangle

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



96.5148, 0.3330, 0.3696



96.5148, 0.2955, 0.3522



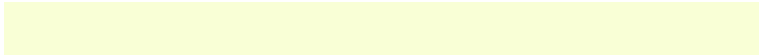
96.5148, 0.2916, 0.2911



96.5148, 0.3293, 0.3073

Sweetspot

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



96.5101, 0.3330, 0.3696



98.8523, 0.3189, 0.3413



77.0204, 0.3425, 0.3346



21.1249, 0.3198, 0.3430



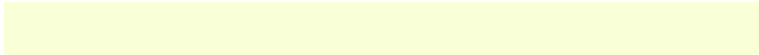
0.0000, 0.0000, 0.0000



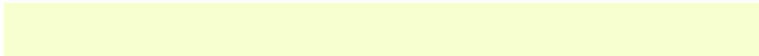
21.4041, 0.3127, 0.3290

Same Dimension

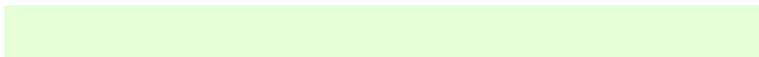
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.5101, 0.3330, 0.3696



95.9378, 0.3367, 0.3772



93.0381, 0.3201, 0.3713



20.9476, 0.3246, 0.3526



45.1732, 0.3936, 0.5257



4.4336, 0.3967, 0.5232

Inverse Universe

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



70.5306, 0.2904, 0.2860



65.8742, 0.2858, 0.2774



73.8308, 0.3041, 0.2877



17.5058, 0.3001, 0.3046



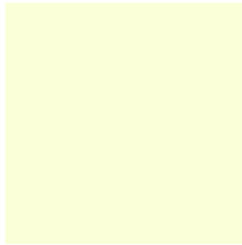
4.0209, 0.1558, 0.0632



0.4278, 0.1643, 0.0679

Previews

White Background



This preview shows how the Yxy color 96.5148, 0.3330, 0.3696 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 96.5148, 0.3330, 0.3696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

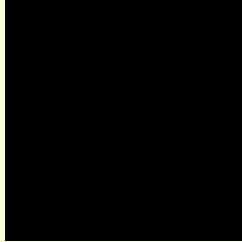
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.5148, 0.3330, 0.3696

Background



This preview shows how black text looks on a background with the Yxy color 96.5148, 0.3330, 0.3696.

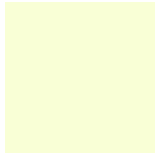


This preview shows how white text looks on a background with the Yxy color 96.5148, 0.3330, 0.3696.

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

96.5148, 0.3330, 0.3696



Protanopia

96.5456, 0.3218, 0.3396

Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

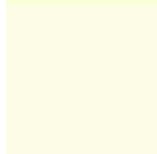
96.2867, 0.3111, 0.3242

Trichromacy



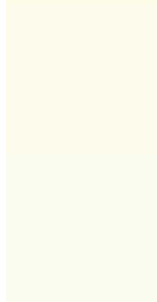
Original Color

96.5148, 0.3330, 0.3696



Protanomaly

96.2730, 0.3258, 0.3495



Deuteranomaly

96.5596, 0.3228, 0.3446

Tritanomaly

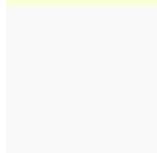
96.4213, 0.3191, 0.3407

Monochromacy



Original Color

96.5148, 0.3330, 0.3696



Achromatopsia

94.7307, 0.3127, 0.3290



Achromatomaly

95.1902, 0.3203, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.5148, 0.3330, 0.3696 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 214) }
```

Border

The CSS property to change the border of an element to Yxy 96.5148, 0.3330, 0.3696 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, 214) }
```

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

```
.border{ border-color:rgb(249, 255, 214) }
```

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, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 214);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 96.5148, 0.3330, 0.3696 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, 214) }
```

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

```
.background{ background-color: rgb(249,  
255, 214) }
```

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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