

Converting Colors

$Yxy(96.2468, 0.3398, 0.3796)$

Have a look what the booklet for
Yxy(96.2468, 0.3398, 0.3796)
contains.

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Color

Yxy(96.2036, 0.3397, 0.3796)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFCC
RGB	250, 255, 204
RGB Percent	98%, 100%, 80%
CMY	0.0194, 0.0000, 0.2001
CMYK	0.02, 0.00, 0.20, 0.00
HSL	66°, 100%, 90%
HSV	66°, 20%, 100%
XYZ	86.0916, 96.2036, 71.1390
YIQ	247.6910, 13.3910, -16.9210

Conversions

Conversions Part 2

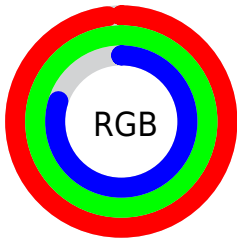
Format	Color
R_{YB}	204, 255, 209
Decimal	16449484
CIE _{Lab}	98.51, -9.82, 23.89
CIE _{LCh}	99, 25.829, 112.334
Yxy	96.2036, 0.3397, 0.3796
Android (android.graphics.Color)	4294639564 (0xFFFAFFCC)
YUV	247.6910, -21.5397, 2.0250
Hunter-Lab	98.0834, -14.9697, 25.6559

Details

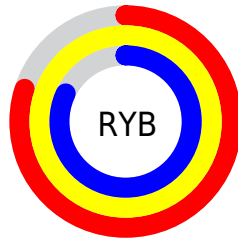
The Yxy color **96.2036, 0.3397, 0.3796** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.9363, 0.2825, 0.2740**, and the grayscale version is **93.7805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.9276, 0.3447, 0.3897** is the 20% darker color. If you saturate the color by 10%, you get **94.6285, 0.3532, 0.4056**, and if you desaturate by 10%, it is **97.9936, 0.3261, 0.3539**.

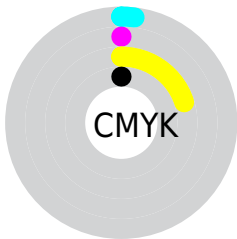
Distribution



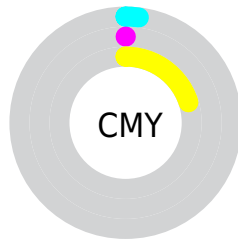
- Red (98%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.2036, 0.3397, 0.3796 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 96.2036, 0.3397, 0.3796 by changing the saturation by 10% instead.

 96.2036, 0.3397,
0.3796

 96.2036, 0.3397,
0.3796


548.0110, 0.3281,
0.3570

 73.1371, 0.3421,
0.3846

155.9264, 0.3358,
0.3719

 54.0881, 0.3451,
0.3906


193.3515, 0.3343,
0.3689

 38.6721, 0.3486,
0.3981


236.3316, 0.3329,
0.3662

 26.5047, 0.3530,
0.4076

285.2511, 0.3317,
0.3639

 17.2016, 0.3585,
0.4201

340.4944, 0.3307,
0.3619

 10.3783, 0.3655,
0.4371

402.4459, 0.3297,

 5.6505, 0.3746,

0.3601

0.4613

471.4900, 0.3289,
0.3584

■ 2.6338, 0.3897,
0.5031

■ 0.9437, 0.4101,
0.5899

■ 96.2036, 0.3397,
0.3796

■ 96.2036, 0.3397,
0.3796

■ 94.6285, 0.3532,
0.4056

■ 97.9936, 0.3261,
0.3539


■ 93.2456, 0.3660,
0.4309


99.9947, 0.3127,
0.3290


■ 92.0487, 0.3776,
0.4546


99.9977, 0.3127,
0.3290

■ 91.0262, 0.3874,
0.4756

 90.1652, 0.3949,
0.4929

 89.4508, 0.3998,
0.5059

 88.8653, 0.4020,
0.5144

 88.3804, 0.4020,
0.5190

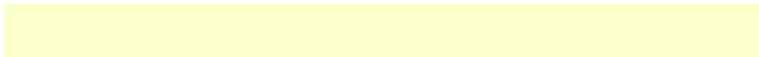
Harmonies

Analogous

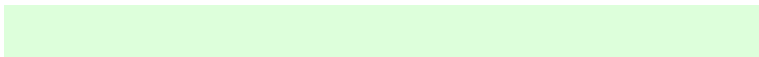
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.2036, 0.3610, 0.3720



96.2036, 0.3397, 0.3796



96.2036, 0.3118, 0.3724

Triad

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



96.2036, 0.3397, 0.3796



96.2036, 0.2593, 0.3007



96.2036, 0.3400, 0.3074

Complementary

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



96.2036, 0.3397, 0.3796



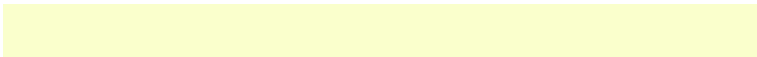
63.9363, 0.2825, 0.2740

Split Complementary

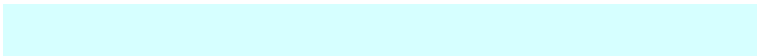
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.2036, 0.3116, 0.2903



96.2036, 0.3397, 0.3796



96.2036, 0.2659, 0.2857

Square

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



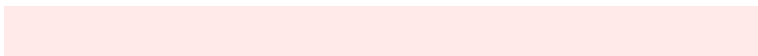
96.2036, 0.3397, 0.3796



96.2036, 0.2661, 0.3248



96.2036, 0.2847, 0.2823



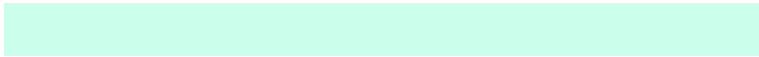
96.2036, 0.3615, 0.3301

Rectangle

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



96.2036, 0.3397, 0.3796



96.2036, 0.2933, 0.3598



96.2036, 0.2847, 0.2823



96.2036, 0.3309, 0.3009

Sweetspot

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



96.2079, 0.3397, 0.3796



98.7728, 0.3207, 0.3438



70.8383, 0.3519, 0.3335



21.1139, 0.3216, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

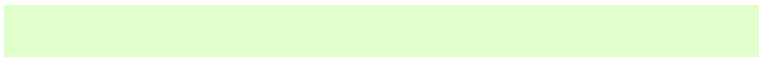
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.2079, 0.3397, 0.3796



95.5565, 0.3451, 0.3900



91.9208, 0.3235, 0.3823



20.9959, 0.3254, 0.3526



46.2188, 0.4023, 0.5187



4.5251, 0.4044, 0.5171

Inverse Universe

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



63.9363, 0.2825, 0.2740



57.9584, 0.2755, 0.2616



67.8396, 0.2997, 0.2767



17.4621, 0.2994, 0.3045



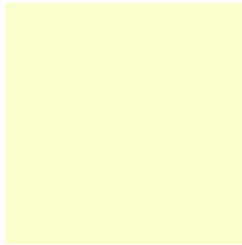
3.9067, 0.1532, 0.0617



0.4073, 0.1595, 0.0652

Previews

White Background



This preview shows how the Yxy color 96.2036, 0.3397, 0.3796 looks on a white background.

Color Contrast Check

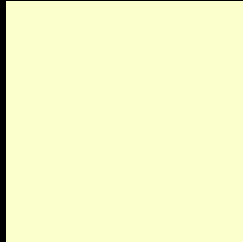
Large Text (above 18pt) WCAG AA × Fail

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 96.2036, 0.3397, 0.3796 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 96.2036, 0.3397, 0.3796

Background



This preview shows how black text looks on a background with the Yxy color 96.2036, 0.3397, 0.3796.



This preview shows how white text looks on a background with the Yxy color 96.2036, 0.3397, 0.3796.

Color Blindness Simulation

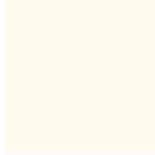
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.2036, 0.3397, 0.3796



Protanopia

95.8043, 0.3230, 0.3406



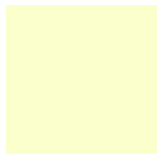
Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

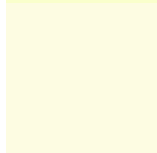
96.4739, 0.3117, 0.3242

Trichromacy



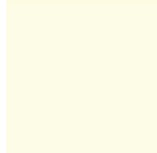
Original Color

96.2036, 0.3397, 0.3796



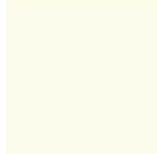
Protanomaly

95.9944, 0.3288, 0.3544



Deuteranomaly

96.2730, 0.3258, 0.3495



Tritanomaly

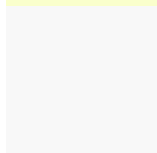
96.3724, 0.3221, 0.3446

Monochromacy



Original Color

96.2036, 0.3397, 0.3796



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.9603, 0.3227, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.2036, 0.3397, 0.3796 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 204) }
```

Border

The CSS property to change the border of an element to Yxy 96.2036, 0.3397, 0.3796 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, 204) }
```

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

```
.border{ border-color:rgb(250, 255, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 96.2036, 0.3397, 0.3796 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, 204) }
```

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

```
.background{ background-color: rgb(250,  
255, 204) }
```

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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