

Converting Colors

Yxy(96.0646, 0.3392, 0.3797)

Have a look what the booklet for
Yxy(96.0646, 0.3392, 0.3797)
contains.

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Color

Yxy(96.0194, 0.3390, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFCC
RGB	249, 255, 204
RGB Percent	98%, 100%, 80%
CMY	0.0235, 0.0000, 0.2000
CMYK	0.02, 0.00, 0.20, 0.00
HSL	67°, 100%, 90%
HSV	67°, 20%, 100%
XYZ	85.7271, 96.0194, 71.1358
YIQ	247.3920, 12.7950, -17.1330

Conversions

Conversions Part 2

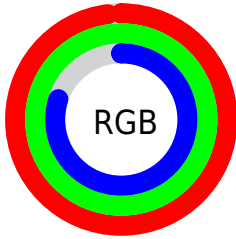
Format	Color
R_{YB}	204, 255, 210
Decimal	16383948
CIE _{Lab}	98.44, -10.18, 23.77
CIE _{LCh}	98, 25.857, 113.193
Y _{xy}	96.0194, 0.3390, 0.3797
Android (android.graphics.Color)	4294574028 (0xFFF9FFCC)
YUV	247.3920, -21.3923, 1.4102
Hunter-Lab	97.9895, -15.3191, 25.5509

Details

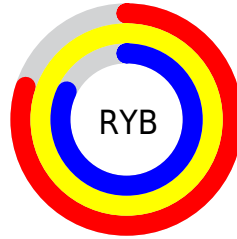
The Yxy color **96.0194, 0.3390, 0.3797** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.1013, 0.2832, 0.2742**, and the grayscale version is **93.5179, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7966, 0.3438, 0.3899** is the 20% darker color. If you saturate the color by 10%, you get **94.3493, 0.3521, 0.4058**, and if you desaturate by 10%, it is **97.9008, 0.3257, 0.3539**.

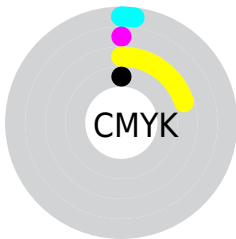
Distribution



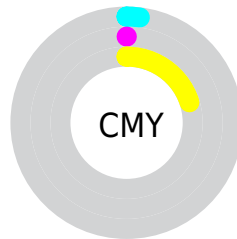
- Red (98%)
- Green (100%)
- Blue (80%)



- 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 96.0194, 0.3390, 0.3797 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 96.0194, 0.3390, 0.3797 by changing the saturation by 10% instead.

 96.0194, 0.3390,
0.3797

 96.0194, 0.3390,
0.3797


547.4233, 0.3277,
0.3570

 72.9837, 0.3414,
0.3847


155.6722, 0.3352,
0.3720

 53.9626, 0.3442,
0.3908


193.0581, 0.3337,
0.3689

 38.5718, 0.3477,
0.3983

235.9962, 0.3324,
0.3663

 26.4268, 0.3519,
0.4079

284.8709, 0.3313,
0.3640

 17.1432, 0.3572,
0.4204

340.0665, 0.3302,
0.3619

 10.3366, 0.3640,
0.4375

401.9676, 0.3293,

 5.6227, 0.3728,

0.3601

0.4621

470.9584, 0.3285,
0.3585

■ 2.6171, 0.3874,
0.5044

■ 0.9352, 0.4061,
0.5939

■ 96.0194, 0.3390,
0.3797

■ 96.0194, 0.3390,
0.3797

■ 94.3493, 0.3521,
0.4058

■ 97.9008, 0.3257,
0.3539


■ 92.8775, 0.3645,
0.4314


99.9993, 0.3127,
0.3290

■ 91.5943, 0.3758,
0.4555


100.0000, 0.3127,
0.3290

■ 90.4883, 0.3852,
0.4769

 89.5464, 0.3923,
0.4946

 88.7539, 0.3968,
0.5081

 88.0930, 0.3987,
0.5169

 87.5350, 0.3984,
0.5219

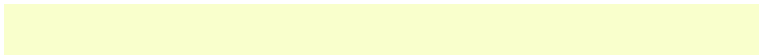
Harmonies

Analogous

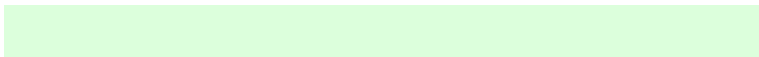
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0194, 0.3606, 0.3724



96.0194, 0.3390, 0.3797



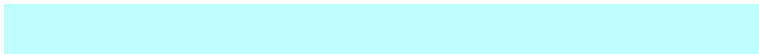
96.0194, 0.3110, 0.3721

Triad

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



96.0194, 0.3390, 0.3797



96.0194, 0.2592, 0.3001



96.0194, 0.3408, 0.3080

Complementary

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



96.0194, 0.3390, 0.3797



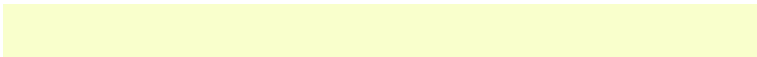
64.1013, 0.2832, 0.2742

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.



96.0194, 0.3125, 0.2906



96.0194, 0.3390, 0.3797



96.0194, 0.2662, 0.2854

Square

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



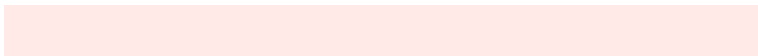
96.0194, 0.3390, 0.3797



96.0194, 0.2656, 0.3241



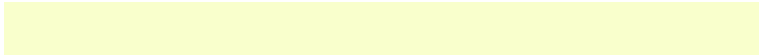
96.0194, 0.2853, 0.2823



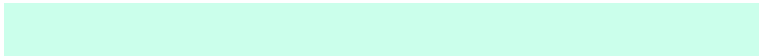
96.0194, 0.3620, 0.3308

Rectangle

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



96.0194, 0.3390, 0.3797



96.0194, 0.2925, 0.3592



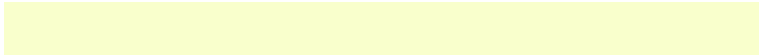
96.0194, 0.2853, 0.2823



96.0194, 0.3318, 0.3014

Sweetspot

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



96.0205, 0.3390, 0.3797



98.7142, 0.3205, 0.3438



71.6844, 0.3515, 0.3352



21.1000, 0.3213, 0.3454



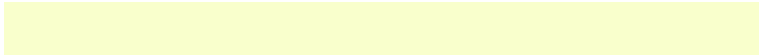
0.0000, 0.0000, 0.0000



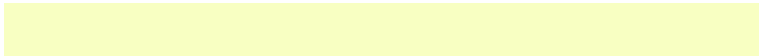
21.4041, 0.3127, 0.3290

Same Dimension

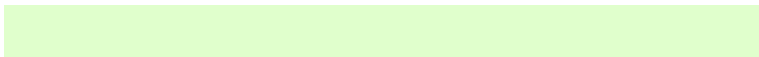
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.0205, 0.3390, 0.3797



95.3280, 0.3443, 0.3902



91.6540, 0.3224, 0.3824



20.9761, 0.3251, 0.3526



45.7820, 0.3988, 0.5216



4.4870, 0.4012, 0.5196

Inverse Universe

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



64.1013, 0.2832, 0.2742



58.1306, 0.2764, 0.2617



68.1404, 0.3010, 0.2769



17.4799, 0.2997, 0.3045



3.9485, 0.1541, 0.0623



0.4156, 0.1615, 0.0663

Previews

White Background



This preview shows how the Yxy color 96.0194, 0.3390, 0.3797 looks on a white background.

Color Contrast Check

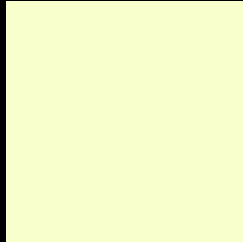
Large Text (above 18pt) WCAG AA × Fail

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 96.0194, 0.3390, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

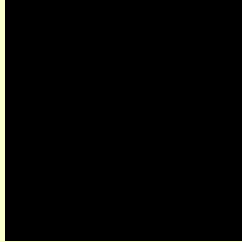
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.0194, 0.3390, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 96.0194, 0.3390, 0.3797.



This preview shows how white text looks on a background with the Yxy color 96.0194, 0.3390, 0.3797.

Color Blindness Simulation

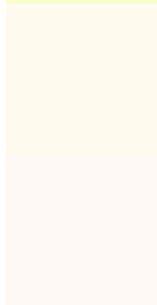
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.0194, 0.3390, 0.3797



Protanopia

95.7456, 0.3236, 0.3416

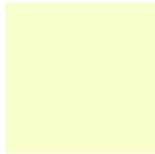
Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

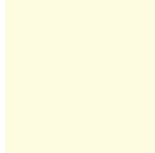
95.6668, 0.3111, 0.3232

Trichromacy



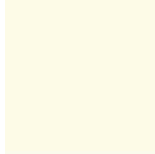
Original Color

96.0194, 0.3390, 0.3797



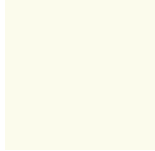
Protanomaly

95.9397, 0.3294, 0.3554



Deuteranomaly

95.6465, 0.3259, 0.3485



Tritanomaly

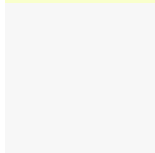
95.5597, 0.3216, 0.3437

Monochromacy



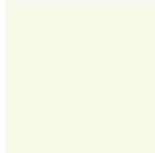
Original Color

96.0194, 0.3390, 0.3797



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.0972, 0.3227, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.0194, 0.3390, 0.3797 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 204) }
```

Border

The CSS property to change the border of an element to Yxy 96.0194, 0.3390, 0.3797 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, 204) }
```

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

```
.border{ border-color:rgb(249, 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(249, 255, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 96.0194, 0.3390, 0.3797 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, 204) }
```

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

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