

Converting Colors

$Yxy(96.3447, 0.3437, 0.3788)$

Have a look what the booklet for
Yxy(96.3447, 0.3437, 0.3788)
contains.

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Color

Yxy(96.4554, 0.3438, 0.3791)

Conversions

Conversions Part 1

Format	Color
Hex	FFFECE
RGB	255, 254, 203
RGB Percent	100%, 100%, 80%
CMY	0.0000, 0.0040, 0.2039
CMYK	0.00, 0.00, 0.20, 0.00
HSL	59°, 100%, 90%
HSV	59°, 20%, 100%
XYZ	87.4739, 96.4554, 70.5033
YIQ	248.4850, 16.9670, -15.6490

Conversions

Conversions Part 2

Format	Color
RYB	204, 255, 203
Decimal	16776907
CIELab	98.61, -7.67, 24.58
CIELCh	99, 25.751, 107.329
Yxy	96.4554, 0.3438, 0.3791
Android (android.graphics.Color)	4294966987 (0xFFFFFECB)
YUV	248.4850, -22.4241, 5.7137
Hunter-Lab	98.2117, -12.8864, 26.1857

Details

The Yxy color **96.4554, 0.3438, 0.3791** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.1032, 0.2785, 0.2734**, and the grayscale version is **94.4586, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.1082, 0.3500, 0.3890** is the 20% darker color. If you saturate the color by 10%, you get **95.0197, 0.3592, 0.4039**, and if you desaturate by 10%, it is **98.0818, 0.3283, 0.3542**.

Distribution



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



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.4554, 0.3438, 0.3791 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 96.4554, 0.3438, 0.3791 by changing the saturation by 10% instead.

 96.4554, 0.3438,
0.3791

 96.4554, 0.3438,
0.3791

548.8139, 0.3304,
0.3568

 73.3469, 0.3466,
0.3840


156.2738, 0.3393,
0.3715

 54.2597, 0.3501,
0.3899


193.7524, 0.3375,
0.3686

 38.8093, 0.3542,
0.3972


236.7899, 0.3360,
0.3660

 26.6114, 0.3593,
0.4064


285.7707, 0.3346,
0.3637

 17.2816, 0.3658,
0.4185

341.0790, 0.3333,
0.3617

 10.4355, 0.3742,
0.4348

403.0994, 0.3322,


 5.6886, 0.3851,

0.3599

0.4578


472.2162, 0.3313,
0.3583

 2.6567, 0.4038,
0.4978


 0.9552, 0.4295,
0.5705

 96.4554, 0.3438,
0.3791

 96.4554, 0.3438,
0.3791

 95.0197, 0.3592,
0.4039


 98.0818, 0.3283,
0.3542

 93.7801, 0.3741,
0.4276


99.9231, 0.3133,
0.3299


 92.7208, 0.3878,
0.4494


100.0000, 0.3127,
0.3290

 91.8304, 0.3997,
0.4682

 91.0957, 0.4094,
0.4832

 90.5020, 0.4164,
0.4938

 90.0314, 0.4207,
0.5000

 89.6680, 0.4228,
0.5025

Harmonies

Analogous

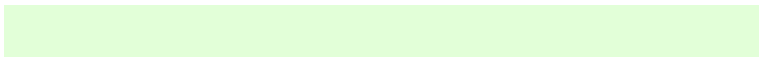
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.4554, 0.3632, 0.3693



96.4554, 0.3438, 0.3791



96.4554, 0.3166, 0.3745

Triad

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



96.4554, 0.3438, 0.3791



96.4554, 0.2597, 0.3043



96.4554, 0.3355, 0.3041

Complementary

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



96.4554, 0.3438, 0.3791



63.1032, 0.2785, 0.2734

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.



96.4554, 0.3068, 0.2884



96.4554, 0.3438, 0.3791



96.4554, 0.2641, 0.2876

Square

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



96.4554, 0.3438, 0.3791



96.4554, 0.2686, 0.3294



96.4554, 0.2809, 0.2822



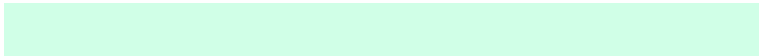
96.4554, 0.3586, 0.3261

Rectangle

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



96.4554, 0.3438, 0.3791



96.4554, 0.2978, 0.3633



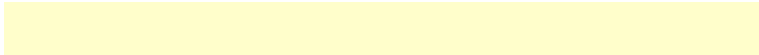
96.4554, 0.2809, 0.2822



96.4554, 0.3261, 0.2980

Sweetspot

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



96.4504, 0.3438, 0.3791



98.8645, 0.3216, 0.3434



68.3646, 0.3523, 0.3273



21.1356, 0.3226, 0.3450



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

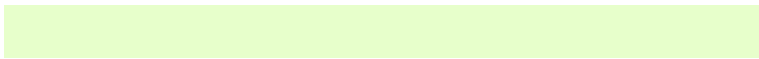
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.4504, 0.3438, 0.3791



95.9118, 0.3494, 0.3881



92.7758, 0.3276, 0.3827



21.0267, 0.3270, 0.3520



46.8809, 0.4227, 0.5025



4.5831, 0.4223, 0.5029

Inverse Universe

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



63.1032, 0.2785, 0.2734



57.6867, 0.2716, 0.2622



66.3038, 0.2951, 0.2750



17.4341, 0.2978, 0.3049



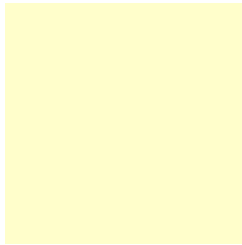
3.8530, 0.1503, 0.0612



0.3941, 0.1511, 0.0639

Previews

White Background



This preview shows how the Yxy color 96.4554, 0.3438, 0.3791 looks on a white background.

Color Contrast Check

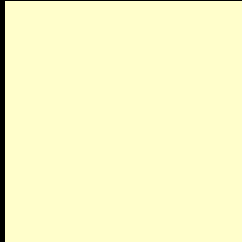
Large Text (above 18pt) WCAG AA × Fail

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 96.4554, 0.3438, 0.3791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

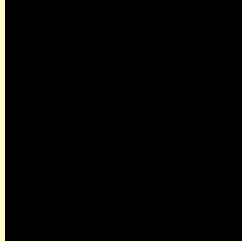
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.4554, 0.3438, 0.3791

Background



This preview shows how black text looks on a background with the Yxy color 96.4554, 0.3438, 0.3791.



This preview shows how white text looks on a background with the Yxy color 96.4554, 0.3438, 0.3791.

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

96.4554, 0.3438, 0.3791



Protanopia

96.5456, 0.3218, 0.3396

Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

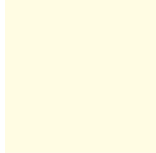
96.2314, 0.3130, 0.3233

Trichromacy



Original Color

96.4554, 0.3438, 0.3791



Protanomaly

96.4269, 0.3295, 0.3534



Deuteranomaly

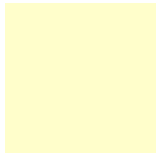
96.0239, 0.3272, 0.3485



Tritanomaly

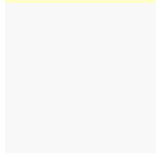
96.3105, 0.3242, 0.3435

Monochromacy



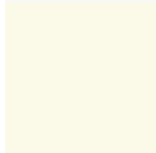
Original Color

96.4554, 0.3438, 0.3791



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.7066, 0.3241, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.4554, 0.3438, 0.3791 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(255, 254, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 203)  
}
```

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(255, 254, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 203) }
```

Border

The CSS property to change the border of an element to Yxy 96.4554, 0.3438, 0.3791 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(255, 254, 203) }
```

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

```
.border{ border-color:rgb(255, 254, 203) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 96.4554, 0.3438, 0.3791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 203) }
```

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

```
.background{ background-color: rgb(255,  
254, 203) }
```

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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