

Converting Colors

$Y_{xy}(127.1887, 0.4284, 0.3638)$

Have a look what the booklet for
Yxy(127.1887, 0.4284, 0.3638)
contains.

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Color

Yxy(94.5186, 0.3449, 0.3773)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBCA
RGB	255, 251, 202
RGB Percent	100%, 98%, 79%
CMY	0.0000, 0.0157, 0.2077
CMYK	0.00, 0.02, 0.21, 0.00
HSL	55°, 100%, 90%
HSV	55°, 21%, 100%
XYZ	86.4020, 94.5186, 69.5925
YIQ	246.6100, 18.1130, -14.3910

Conversions

Conversions Part 2

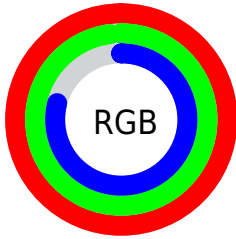
Format	Color
R _Y B	206, 255, 202
Decimal	16776138
CIE Lab	97.84, -6.34, 24.00
CIE LCh	98, 24.821, 104.789
Yxy	94.5186, 0.3449, 0.3773
Android (android.graphics.Color)	4294966218 (0xFFFFFBCA)
YUV	246.6100, -21.9927, 7.3580
Hunter-Lab	97.2207, -11.4996, 25.6135

Details

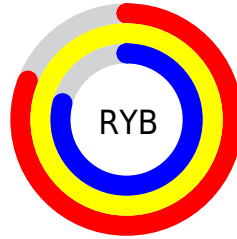
The Yxy color **94.5186, 0.3449, 0.3773** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.9445, 0.2780, 0.2756**, and the grayscale version is **92.8542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1741, 0.3513, 0.3879** is the 20% darker color. If you saturate the color by 10%, you get **92.2159, 0.3610, 0.4009**, and if you desaturate by 10%, it is **97.0410, 0.3291, 0.3537**.

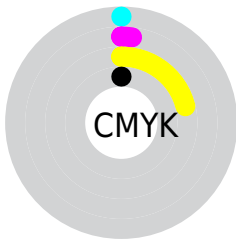
Distribution



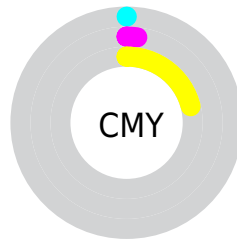
- Red (100%)
- Green (98%)
- Blue (79%)



- Red (81%)
- Yellow (100%)
- Blue (79%)



- Cyan (0%)
- Magenta (2%)
- Yellow (21%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.5186, 0.3449, 0.3773 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 94.5186, 0.3449, 0.3773 by changing the saturation by 10% instead.

 94.5186, 0.3449,
0.3773

 94.5186, 0.3449,
0.3773

542.6227, 0.3309,
0.3558

 71.7344, 0.3479,
0.3820

153.5994, 0.3402,
0.3700

 52.9417, 0.3515,
0.3877

190.6647, 0.3383,
0.3671

 37.7562, 0.3559,
0.3948


233.2592, 0.3367,
0.3646

 25.7936, 0.3613,
0.4038

281.7672, 0.3353,
0.3624

 16.6693, 0.3682,
0.4155

336.5732, 0.3340,
0.3605

 9.9990, 0.3773,
0.4313

398.0615, 0.3328,

 5.3983, 0.3893,

0.3587

0.4537

466.6165, 0.3318,
0.3572

■ 2.4828, 0.4114,
0.4945

■ 0.8680, 0.4358,
0.5642

■ 94.5186, 0.3449,
0.3773

■ 94.5186, 0.3449,
0.3773

■ 92.2159, 0.3610,
0.4009

■ 97.0410, 0.3291,
0.3537

■ 90.1113, 0.3767,
0.4236

99.7804, 0.3138,
0.3307

■ 88.1980, 0.3916,
0.4445

100.0000, 0.3127,
0.3290

■ 86.4644, 0.4049,
0.4626

■ 84.8973, 0.4160,
0.4769

■ 83.4818, 0.4245,
0.4869

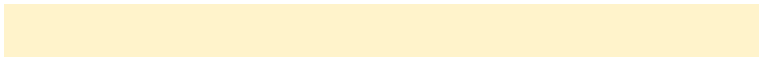
■ 82.2000, 0.4303,
0.4923

■ 81.1089, 0.4335,
0.4940

Harmonies

Analogous

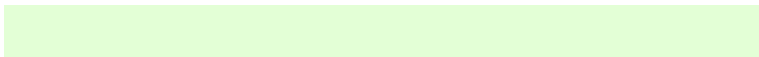
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5186, 0.3628, 0.3669



94.5186, 0.3449, 0.3773



94.5186, 0.3188, 0.3740

Triad

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



94.5186, 0.3449, 0.3773



94.5186, 0.2614, 0.3069



94.5186, 0.3326, 0.3033

Complementary

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



94.5186, 0.3449, 0.3773



63.9445, 0.2780, 0.2756

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.



94.5186, 0.3047, 0.2886



94.5186, 0.3449, 0.3773



94.5186, 0.2646, 0.2898

Square

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



94.5186, 0.3449, 0.3773



94.5186, 0.2712, 0.3316



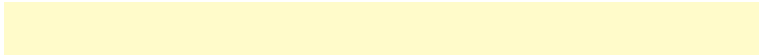
94.5186, 0.2801, 0.2835



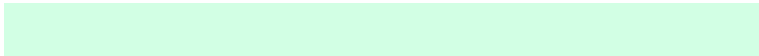
94.5186, 0.3557, 0.3243

Rectangle

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



94.5186, 0.3449, 0.3773



94.5186, 0.3005, 0.3639



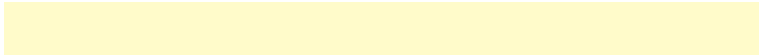
94.5186, 0.2801, 0.2835



94.5186, 0.3234, 0.2975

Sweetspot

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



94.5225, 0.3449, 0.3773



98.3189, 0.3217, 0.3426



67.9997, 0.3512, 0.3246



21.0062, 0.3227, 0.3441



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

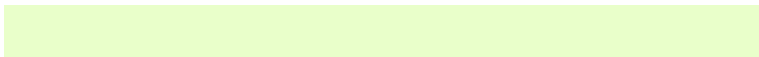
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5225, 0.3449, 0.3773



93.5209, 0.3517, 0.3873



93.0989, 0.3296, 0.3835



20.8422, 0.3271, 0.3507



42.4800, 0.4332, 0.4942



4.2032, 0.4314, 0.4956

Inverse Universe

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



63.9445, 0.2780, 0.2756



57.8365, 0.2700, 0.2631



65.3459, 0.2929, 0.2736



17.5979, 0.2978, 0.3063



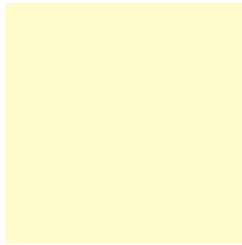
4.0985, 0.1513, 0.0646



0.4718, 0.1542, 0.0749

Previews

White Background



This preview shows how the Yxy color 94.5186, 0.3449, 0.3773 looks on a white background.

Color Contrast Check

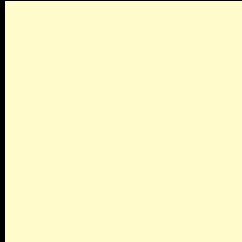
Large Text (above 18pt) WCAG AA × Fail

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 94.5186, 0.3449, 0.3773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

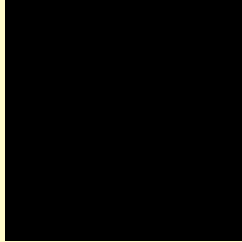
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.5186, 0.3449, 0.3773

Background



This preview shows how black text looks on a background with the Yxy color 94.5186, 0.3449, 0.3773.

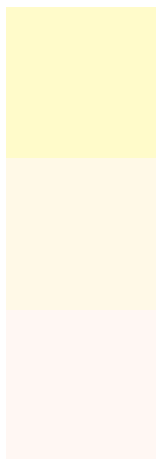


This preview shows how white text looks on a background with the Yxy color 94.5186, 0.3449, 0.3773.

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

94.5186, 0.3449, 0.3773

Protanopia

94.7809, 0.3274, 0.3466

Deuteranopia

94.2526, 0.3203, 0.3329



Tritanopia

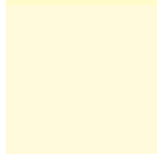
94.3915, 0.3131, 0.3204

Trichromacy



Original Color

94.5186, 0.3449, 0.3773



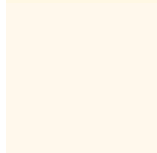
Protanomaly

94.7985, 0.3340, 0.3584



Deuteranomaly

93.9962, 0.3293, 0.3486



Tritanomaly

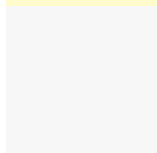
94.4509, 0.3244, 0.3407

Monochromacy



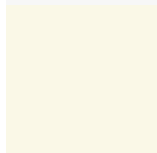
Original Color

94.5186, 0.3449, 0.3773



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.2283, 0.3242, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5186, 0.3449, 0.3773 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, 251, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 202)  
}
```

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, 251, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 202) }
```

Border

The CSS property to change the border of an element to Yxy 94.5186, 0.3449, 0.3773 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, 251, 202) }
```

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

```
.border{ border-color:rgb(255, 251, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5186, 0.3449, 0.3773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 202) }
```

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

```
.background{ background-color: rgb(255,  
251, 202) }
```

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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