

Converting Colors

$Y_{xy}(123.6364, 0.4425, 0.3904)$

Have a look what the booklet for
Yxy(123.6364, 0.4425, 0.3904)
contains.

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Color

Yxy(94.3006, 0.3655, 0.4136)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDA7
RGB	255, 253, 167
RGB Percent	100%, 99%, 65%
CMY	0.0001, 0.0078, 0.3451
CMYK	0.00, 0.01, 0.35, 0.00
HSL	59°, 100%, 83%
HSV	59°, 35%, 100%
XYZ	83.3338, 94.3006, 50.3651
YIQ	243.7940, 28.7980, -26.3220

Conversions

Conversions Part 2

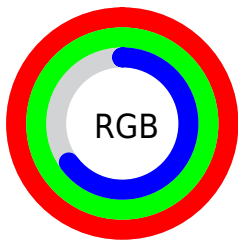
Format	Color
RYB	169, 255, 167
Decimal	16776615
CIELab	97.75, -11.76, 41.45
CIELCh	98, 43.087, 105.840
Yxy	94.3006, 0.3655, 0.4136
Android (android.graphics.Color)	4294966695 (0xFFFFFDA7)
YUV	243.7940, -37.8594, 9.8277
Hunter-Lab	97.1085, -16.7598, 37.2253

Details

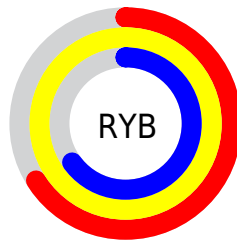
The Yxy color **94.3006, 0.3655, 0.4136** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **43.7944, 0.2502, 0.2275**, and the grayscale version is **90.5848, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **52.5651, 0.3754, 0.4308** is the 20% darker color. If you saturate the color by 10%, you get **93.0940, 0.3800, 0.4366**, and if you desaturate by 10%, it is **95.7028, 0.3502, 0.3892**.

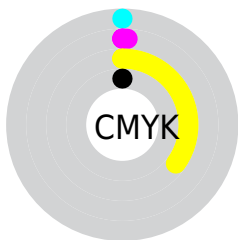
Distribution



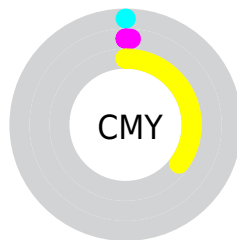
- Red (100%)
- Green (99%)
- Blue (65%)



- Red (66%)
- Yellow (100%)
- Blue (65%)



- Cyan (0%)
- Magenta (1%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3006, 0.3655, 0.4136 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 94.3006, 0.3655, 0.4136 by changing the saturation by 10% instead.


 94.3006, 0.3655,
0.4136


 94.3006, 0.3655,
0.4136

541.9235, 0.3432,
0.3760

 71.5530, 0.3700,
0.4217


 153.2980, 0.3582,
0.4009

 52.7936, 0.3754,
0.4315

 190.3166, 0.3552,
0.3959

 37.6380, 0.3816,
0.4434

232.8610, 0.3526,
0.3915

 25.7019, 0.3890,
0.4582

281.3155, 0.3503,
0.3876

 16.6007, 0.3976,
0.4769

336.0647, 0.3482,
0.3842

 9.9502, 0.4071,
0.5008


397.4928, 0.3464,


 5.3660, 0.4197,

0.3811

0.5357


465.9843, 0.3447,
0.3784


 2.4636, 0.4247,
0.5753


 0.8583, 0.3812,
0.6188

 94.3006, 0.3655,
0.4136


 94.3006, 0.3655,
0.4136


 93.0940, 0.3800,
0.4366


 95.7028, 0.3502,
0.3892

 92.0591, 0.3932,
0.4572

 97.2977, 0.3347,
0.3643

 91.1880, 0.4043,
0.4745

 99.0991, 0.3194,
0.3398

 90.4672, 0.4130,
0.4877

99.9959, 0.3127,
0.3290

■ 89.8806, 0.4189,
0.4965

■ 89.4088, 0.4223,
0.5009

■ 89.1833, 0.4233,
0.5021

Harmonies

Analogous

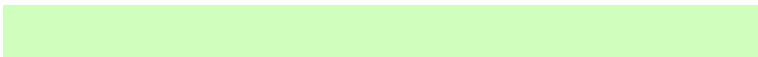
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3006, 0.3983, 0.3931



94.3006, 0.3655, 0.4136



94.3006, 0.3200, 0.4093

Triad

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



94.3006, 0.3655, 0.4136



94.3006, 0.2263, 0.2877



94.3006, 0.3482, 0.2866

Complementary

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



94.3006, 0.3655, 0.4136



43.7944, 0.2502, 0.2275

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.



94.3006, 0.2996, 0.2624



94.3006, 0.3655, 0.4136



94.3006, 0.2323, 0.2608

Square

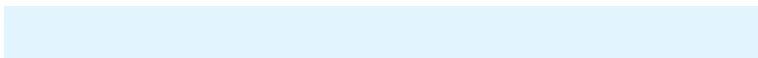
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.3006, 0.3655, 0.4136



94.3006, 0.2410, 0.3305



94.3006, 0.2580, 0.2528



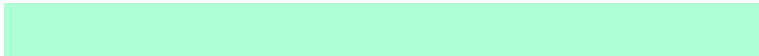
94.3006, 0.3890, 0.3208

Rectangle

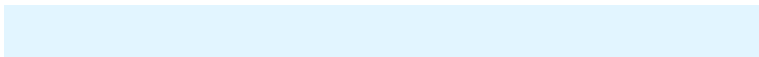
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.3006, 0.3655, 0.4136



94.3006, 0.2889, 0.3906



94.3006, 0.2580, 0.2528



94.3006, 0.3320, 0.2772

Sweetspot

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



94.3049, 0.3655, 0.4136



98.1023, 0.3277, 0.3532



51.7910, 0.3923, 0.3261



20.9445, 0.3299, 0.3566



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

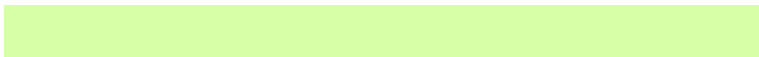
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.3049, 0.3655, 0.4136



93.5160, 0.3751, 0.4288



88.5800, 0.3371, 0.4239



21.0170, 0.3270, 0.3520



46.6407, 0.4233, 0.5021



4.5625, 0.4228, 0.5025

Inverse Universe

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



43.7944, 0.2502, 0.2275



36.4588, 0.2364, 0.2049



48.2718, 0.2796, 0.2332



17.4427, 0.2978, 0.3050



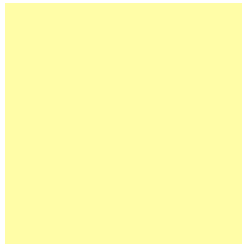
3.8653, 0.1504, 0.0613



0.3982, 0.1513, 0.0645

Previews

White Background



This preview shows how the Yxy color 94.3006, 0.3655, 0.4136 looks on a white background.

Color Contrast Check

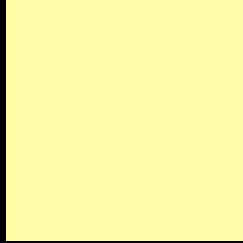
Large Text (above 18pt) WCAG AA × Fail

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 94.3006, 0.3655, 0.4136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

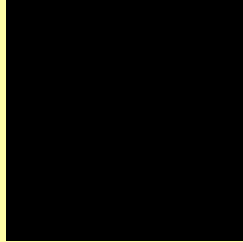
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.3006, 0.3655, 0.4136

Background



This preview shows how black text looks on a background with the Yxy color 94.3006, 0.3655, 0.4136.



This preview shows how white text looks on a background with the Yxy color 94.3006, 0.3655, 0.4136.

Color Blindness Simulation

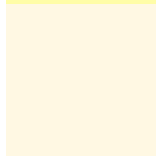
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



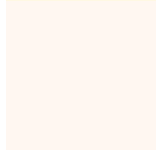
Original Color

94.3006, 0.3655, 0.4136



Protanopia

93.9409, 0.3300, 0.3496



Deuteranopia

94.1324, 0.3215, 0.3348



Tritanopia

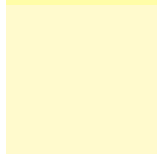
94.2634, 0.3143, 0.3223

Trichromacy



Original Color

94.3006, 0.3655, 0.4136



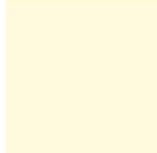
Protanomaly

94.0390, 0.3433, 0.3734



Deuteranomaly

93.8664, 0.3379, 0.3635



Tritanomaly

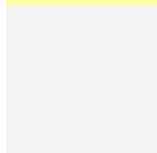
94.2853, 0.3329, 0.3555

Monochromacy



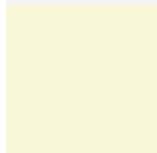
Original Color

94.3006, 0.3655, 0.4136



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.4359, 0.3322, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3006, 0.3655, 0.4136 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, 253, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 167)  
}
```

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, 253, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 167) }
```

Border

The CSS property to change the border of an element to Yxy 94.3006, 0.3655, 0.4136 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, 253, 167) }
```

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

```
.border{ border-color:rgb(255, 253, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 253, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 253, 167); box-shadow:4px 4px 4px 4px rgb(255, 253, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3006, 0.3655, 0.4136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 167) }
```

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

```
.background{ background-color: rgb(255,  
253, 167) }
```

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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