

Converting Colors

$Y_{xy}(100.0000, 0.3711, 0.3973)$

Have a look what the booklet for
Yxy(100.0000, 0.3711, 0.3973)
contains.

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Color

Yxy(95.4798, 0.3570, 0.4009)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEB5
RGB	255, 254, 181
RGB Percent	100%, 100%, 71%
CMY	0.0000, 0.0039, 0.2902
CMYK	0.00, 0.00, 0.29, 0.00
HSL	59°, 100%, 85%
HSV	59°, 29%, 100%
XYZ	85.0244, 95.4798, 57.6594
YIQ	245.9770, 24.0290, -22.4910

Conversions

Conversions Part 2

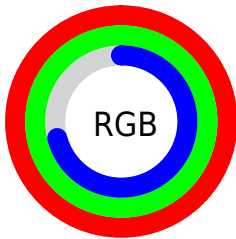
Format	Color
R_{YB}	182, 255, 181
Decimal	16776885
CIE _{Lab}	98.23, -10.58, 35.13
CIE _{LCh}	98, 36.691, 106.762
Yxy	95.4798, 0.3570, 0.4009
Android (android.graphics.Color)	4294966965 (0xFFFFFEB5)
YUV	245.9770, -32.0337, 7.9132
Hunter-Lab	97.7138, -15.6795, 33.4135

Details

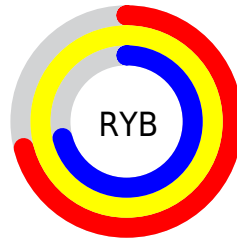
The Yxy color **95.4798, 0.3570, 0.4009** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.4946, 0.2615, 0.2453**, and the grayscale version is **92.3894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **53.3351, 0.3656, 0.4165** is the 20% darker color. If you saturate the color by 10%, you get **94.3117, 0.3719, 0.4250**, and if you desaturate by 10%, it is **96.8444, 0.3416, 0.3759**.

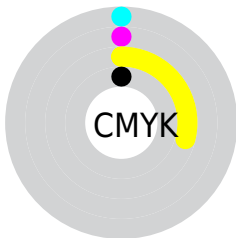
Distribution



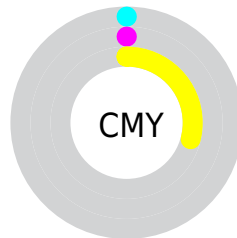
- Red (100%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.4798, 0.3570, 0.4009 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 95.4798, 0.3570, 0.4009 by changing the saturation by 10% instead.


 95.4798, 0.3570,
0.4009

 95.4798, 0.3570,
0.4009

545.6999, 0.3381,
0.3689

 72.5344, 0.3609,
0.4079


 154.9273, 0.3508,
0.3901

 53.5953, 0.3655,
0.4163


192.1982, 0.3483,
0.3858

 38.2782, 0.3710,
0.4266


235.0130, 0.3460,
0.3820

 26.1987, 0.3777,
0.4396

283.7561, 0.3441,
0.3788

 16.9723, 0.3857,
0.4562

338.8120, 0.3424,
0.3759

 10.2148, 0.3954,
0.4780

400.5650, 0.3408,

 5.5416, 0.4062,

0.3733

0.5072

469.3995, 0.3394,
0.3710

■ 2.5684, 0.4319,
0.5681

■ 0.9108, 0.4000,
0.6000

■ 95.4798, 0.3570,
0.4009

■ 95.4798, 0.3570,
0.4009

■ 94.3117, 0.3719,
0.4250

■ 96.8444, 0.3416,
0.3759

■ 93.3228, 0.3857,
0.4472

■ 98.4084, 0.3262,
0.3510

■ 92.5039, 0.3978,
0.4665

100.0000, 0.3127,
0.3290

■ 91.8423, 0.4076,
0.4820

■ 91.3234, 0.4148,
0.4933

■ 90.9299, 0.4194,
0.5002

■ 90.6363, 0.4216,
0.5031

■ 90.6098, 0.4217,
0.5034

Harmonies

Analogous

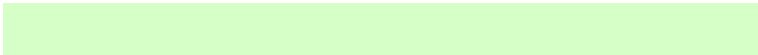
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4798, 0.3850, 0.3850



95.4798, 0.3570, 0.4009



95.4798, 0.3182, 0.3958

Triad

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



95.4798, 0.3570, 0.4009



95.4798, 0.2384, 0.2935



95.4798, 0.3442, 0.2935

Complementary

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



95.4798, 0.3570, 0.4009



50.4946, 0.2615, 0.2453

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.



95.4798, 0.3031, 0.2721



95.4798, 0.3570, 0.4009



95.4798, 0.2441, 0.2704

Square

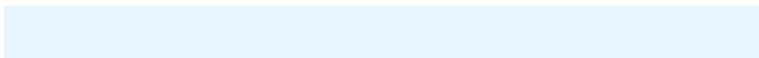
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.4798, 0.3570, 0.4009



95.4798, 0.2508, 0.3295



95.4798, 0.2670, 0.2635



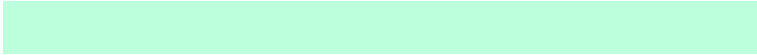
95.4798, 0.3781, 0.3235

Rectangle

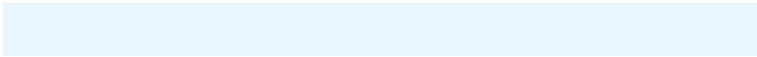
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.4798, 0.3570, 0.4009



95.4798, 0.2917, 0.3796



95.4798, 0.2670, 0.2635



95.4798, 0.3306, 0.2852

Sweetspot

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



95.4821, 0.3570, 0.4009



98.4121, 0.3262, 0.3509



57.6919, 0.3764, 0.3279



21.0128, 0.3284, 0.3545



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

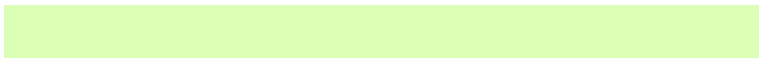
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4821, 0.3570, 0.4009



94.7600, 0.3660, 0.4155



89.9517, 0.3327, 0.4079



21.0463, 0.3269, 0.3522



47.3648, 0.4217, 0.5034



4.6247, 0.4214, 0.5036

Inverse Universe

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



50.4946, 0.2615, 0.2453



42.9196, 0.2491, 0.2249



54.9806, 0.2869, 0.2499



17.4169, 0.2978, 0.3047



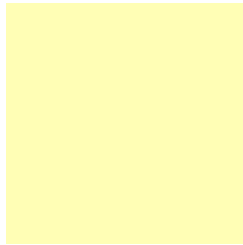
3.8285, 0.1502, 0.0608



0.3860, 0.1508, 0.0627

Previews

White Background



This preview shows how the Yxy color 95.4798, 0.3570, 0.4009 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 95.4798, 0.3570, 0.4009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

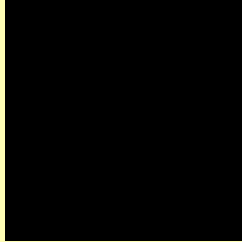
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.4798, 0.3570, 0.4009

Background



This preview shows how black text looks on a background with the Yxy color 95.4798, 0.3570, 0.4009.



This preview shows how white text looks on a background with the Yxy color 95.4798, 0.3570, 0.4009.

Color Blindness Simulation

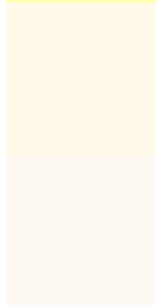
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.4798, 0.3570, 0.4009



Protanopia

95.5717, 0.3255, 0.3446

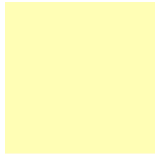
Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

95.5506, 0.3136, 0.3233

Trichromacy



Original Color

95.4798, 0.3570, 0.4009



Protanomaly

95.1607, 0.3369, 0.3643



Deuteranomaly

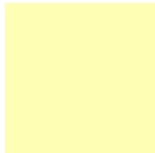
95.4748, 0.3333, 0.3584



Tritanomaly

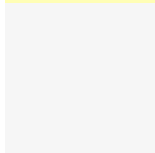
95.1773, 0.3297, 0.3515

Monochromacy



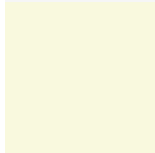
Original Color

95.4798, 0.3570, 0.4009



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.1650, 0.3289, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4798, 0.3570, 0.4009 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 181) }
```

Border

The CSS property to change the border of an element to Yxy 95.4798, 0.3570, 0.4009 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, 181) }
```

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

```
.border{ border-color:rgb(255, 254, 181) }
```

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, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4798, 0.3570, 0.4009 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
254, 181) }
```

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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