

Converting Colors

$Y_{xy}(94.3450, 0.3589, 0.4019)$

Have a look what the booklet for
Yxy(94.3450, 0.3589, 0.4019)
contains.

Yxy(94.0952, 0.3593, 0.4021)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.0952, 0.3593, 0.4021)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCB2
RGB	255, 252, 178
RGB Percent	100%, 99%, 70%
CMY	0.0001, 0.0117, 0.3021
CMYK	0.00, 0.01, 0.30, 0.00
HSL	58°, 100%, 85%
HSV	58°, 30%, 100%
XYZ	84.0796, 94.0952, 55.8347
YIQ	244.4610, 25.5420, -22.3780

Conversions

Conversions Part 2

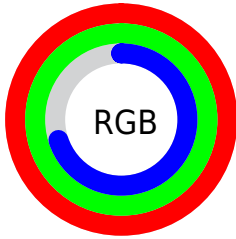
Format	Color
RYB	181, 255, 178
Decimal	16776370
CIELab	97.67, -9.98, 35.90
CIELCh	98, 37.262, 105.537
Yxy	94.0952, 0.3593, 0.4021
Android (android.graphics.Color)	4294966450 (0xFFFFFCB2)
YUV	244.4610, -32.7653, 9.2427
Hunter-Lab	97.0027, -15.0352, 33.7746

Details

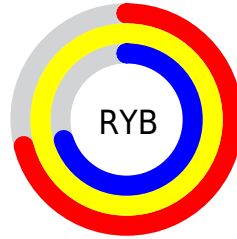
The Yxy color **94.0952, 0.3593, 0.4021** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.7057, 0.2594, 0.2436**, and the grayscale version is **91.1071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **52.8308, 0.3675, 0.4178** is the 20% darker color. If you saturate the color by 10%, you get **92.5524, 0.3745, 0.4256**, and if you desaturate by 10%, it is **95.8400, 0.3436, 0.3777**.

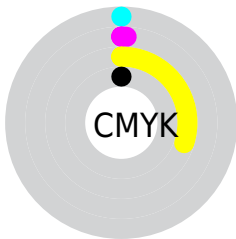
Distribution



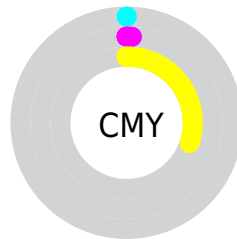
- Red (100%)
- Green (99%)
- Blue (70%)



- Red (71%)
- Yellow (100%)
- Blue (70%)



- Cyan (0%)
- Magenta (1%)
- Yellow (30%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0952, 0.3593, 0.4021 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 94.0952, 0.3593, 0.4021 by changing the saturation by 10% instead.


 94.0952, 0.3593,
0.4021

 94.0952, 0.3593,
0.4021


541.2643, 0.3394,
0.3695

 71.3821, 0.3634,
0.4092


 153.0140, 0.3527,
0.3911

 52.6541, 0.3683,
0.4177


189.9885, 0.3501,
0.3867

 37.5267, 0.3742,
0.4282


232.4857, 0.3477,
0.3829

 25.6156, 0.3812,
0.4414

280.8898, 0.3457,
0.3796

 16.5363, 0.3897,
0.4582

335.5853, 0.3438,
0.3766

 9.9044, 0.3999,
0.4802

396.9567, 0.3422,

 5.3356, 0.4114,

0.3740

0.5097

465.3882, 0.3407,
0.3716

■ 2.4455, 0.4342,
0.5658

■ 0.8492, 0.3989,
0.6011

■ 94.0952, 0.3593,
0.4021

■ 94.0952, 0.3593,
0.4021

■ 92.5524, 0.3745,
0.4256

■ 95.8400, 0.3436,
0.3777

■ 91.1884, 0.3886,
0.4471

■ 97.7839, 0.3281,
0.3533

■ 89.9958, 0.4011,
0.4658

■ 99.9401, 0.3130,
0.3295

■ 88.9616, 0.4113,
0.4807

■ 99.9970, 0.3127,
0.3290

■ 88.0710, 0.4189,
0.4912

■ 87.3062, 0.4238,
0.4973

■ 86.6509, 0.4263,
0.4997

Harmonies

Analogous

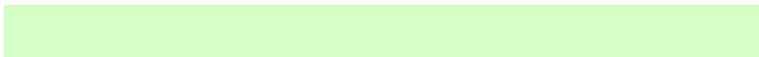
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0952, 0.3872, 0.3851



94.0952, 0.3593, 0.4021



94.0952, 0.3199, 0.3979

Triad

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



94.0952, 0.3593, 0.4021



94.0952, 0.2371, 0.2940



94.0952, 0.3432, 0.2917

Complementary

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



94.0952, 0.3593, 0.4021



49.7057, 0.2594, 0.2436

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.



94.0952, 0.3012, 0.2704



94.0952, 0.3593, 0.4021



94.0952, 0.2422, 0.2699

Square

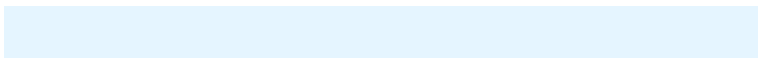
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.0952, 0.3593, 0.4021



94.0952, 0.2505, 0.3311



94.0952, 0.2648, 0.2622



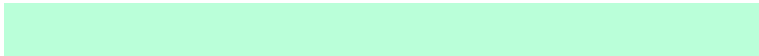
94.0952, 0.3783, 0.3220

Rectangle

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



94.0952, 0.3593, 0.4021



94.0952, 0.2928, 0.3820



94.0952, 0.2648, 0.2622



94.0952, 0.3293, 0.2834

Sweetspot

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



94.0994, 0.3593, 0.4021



98.0454, 0.3262, 0.3504



56.4571, 0.3777, 0.3252



20.9216, 0.3285, 0.3539



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

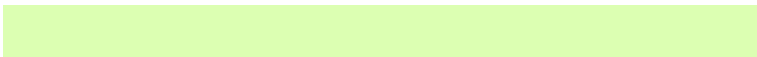
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0994, 0.3593, 0.4021



93.1926, 0.3682, 0.4159



89.9903, 0.3352, 0.4109



20.9634, 0.3270, 0.3516



45.3365, 0.4262, 0.4998



4.4502, 0.4254, 0.5005

Inverse Universe

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



49.7057, 0.2594, 0.2436



42.5705, 0.2473, 0.2242



53.1396, 0.2837, 0.2460



17.4900, 0.2978, 0.3054



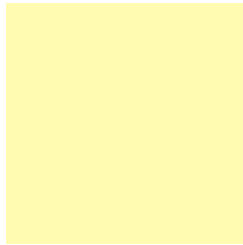
3.9328, 0.1507, 0.0623



0.4207, 0.1522, 0.0677

Previews

White Background



This preview shows how the Yxy color 94.0952, 0.3593, 0.4021 looks on a white background.

Color Contrast Check

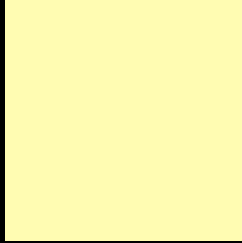
Large Text (above 18pt) WCAG AA × Fail

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 94.0952, 0.3593, 0.4021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

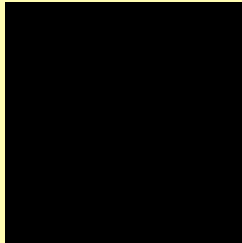
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.0952, 0.3593, 0.4021

Background



This preview shows how black text looks on a background with the Yxy color 94.0952, 0.3593, 0.4021.



This preview shows how white text looks on a background with the Yxy color 94.0952, 0.3593, 0.4021.

Color Blindness Simulation

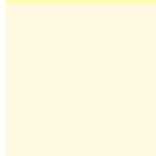
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



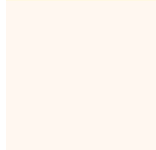
Original Color

94.0952, 0.3593, 0.4021



Protanopia

93.9409, 0.3300, 0.3496



Deuteranopia

94.0728, 0.3221, 0.3358



Tritanopia

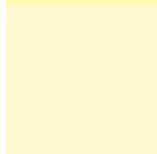
94.2634, 0.3143, 0.3223

Trichromacy



Original Color

94.0952, 0.3593, 0.4021



Protanomaly

93.6148, 0.3410, 0.3685



Deuteranomaly

94.0211, 0.3360, 0.3605



Tritanomaly

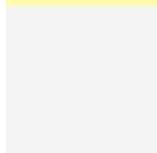
93.8858, 0.3306, 0.3505

Monochromacy



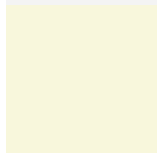
Original Color

94.0952, 0.3593, 0.4021



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.6453, 0.3297, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0952, 0.3593, 0.4021 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, 252, 178)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 178)  
}
```

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, 252, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 178) }
```

Border

The CSS property to change the border of an element to Yxy 94.0952, 0.3593, 0.4021 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, 252, 178) }
```

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

```
.border{ border-color:rgb(255, 252, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0952, 0.3593, 0.4021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 178) }
```

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

```
.background{ background-color: rgb(255,  
252, 178) }
```

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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