

Converting Colors

$Y_{xy}(94.1842, 0.3610, 0.4053)$

Have a look what the booklet for
Yxy(94.1842, 0.3610, 0.4053)
contains.

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Color

Yxy(93.9760, 0.3611, 0.4050)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCAF
RGB	255, 252, 175
RGB Percent	100%, 99%, 69%
CMY	0.0000, 0.0117, 0.3138
CMYK	0.00, 0.01, 0.31, 0.00
HSL	58°, 100%, 84%
HSV	58°, 31%, 100%
XYZ	83.7895, 93.9760, 54.2740
YIQ	244.1190, 26.5050, -23.3110

Conversions

Conversions Part 2

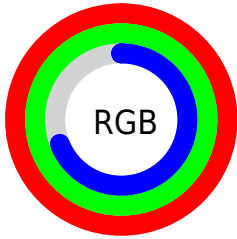
Format	Color
RYB	178, 255, 175
Decimal	16776367
CIELab	97.62, -10.33, 37.32
CIELCh	98, 38.726, 105.466
Yxy	93.9760, 0.3611, 0.4050
Android (android.graphics.Color)	4294966447 (0xFFFFFCAF)
YUV	244.1190, -34.0757, 9.5426
Hunter-Lab	96.9412, -15.3637, 34.6644

Details

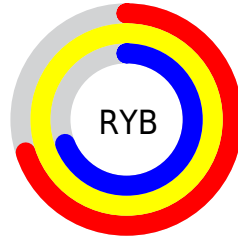
The Yxy color **93.9760, 0.3611, 0.4050** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **48.1676, 0.2569, 0.2396**, and the grayscale version is **90.8299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **52.7553, 0.3697, 0.4214** is the 20% darker color. If you saturate the color by 10%, you get **92.4715, 0.3762, 0.4283**, and if you desaturate by 10%, it is **95.6781, 0.3455, 0.3807**.

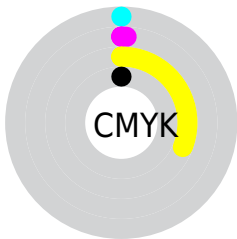
Distribution



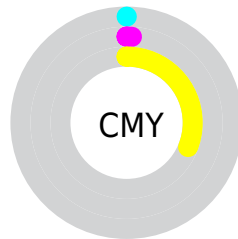
- Red (100%)
- Green (99%)
- Blue (69%)



- Red (70%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (1%)
- Yellow (31%)
- Black (0%)




- Cyan (0%)
- Magenta (1%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.9760, 0.3611, 0.4050 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 93.9760, 0.3611, 0.4050 by changing the saturation by 10% instead.


 93.9760, 0.3611,
0.4050

 93.9760, 0.3611,
0.4050


540.8815, 0.3404,
0.3711

 71.2830, 0.3654,
0.4124


 152.8491, 0.3543,
0.3935

 52.5732, 0.3704,
0.4212


189.7981, 0.3515,
0.3890

 37.4621, 0.3764,
0.4321


232.2678, 0.3491,
0.3851

 25.5655, 0.3836,
0.4457

280.6426, 0.3470,
0.3816

 16.4989, 0.3922,
0.4630

335.3070, 0.3451,
0.3785

 9.8779, 0.4024,
0.4855

396.6454, 0.3434,

 5.3180, 0.4140,

0.3758

0.5161

465.0421, 0.3418,
0.3733

■ 2.4351, 0.4323,
0.5677

■ 0.8438, 0.3946,
0.6054

■ 93.9760, 0.3611,
0.4050

■ 93.9760, 0.3611,
0.4050

■ 92.4715, 0.3762,
0.4283

■ 95.6781, 0.3455,
0.3807

■ 91.1459, 0.3901,
0.4496

■ 97.5795, 0.3299,
0.3562

■ 89.9900, 0.4023,
0.4679

■ 99.6922, 0.3147,
0.3322

■ 88.9907, 0.4122,
0.4823

100.0000, 0.3127,
0.3290

■ 88.1330, 0.4195,
0.4923

■ 87.3986, 0.4240,
0.4979

■ 86.8403, 0.4261,
0.4999

Harmonies

Analogous

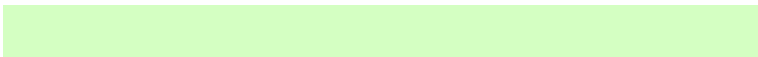
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9760, 0.3902, 0.3870



93.9760, 0.3611, 0.4050



93.9760, 0.3202, 0.4009

Triad

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



93.9760, 0.3611, 0.4050



93.9760, 0.2343, 0.2926



93.9760, 0.3442, 0.2903

Complementary

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



93.9760, 0.3611, 0.4050



48.1676, 0.2569, 0.2396

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.



93.9760, 0.3006, 0.2683



93.9760, 0.3611, 0.4050



93.9760, 0.2396, 0.2677

Square

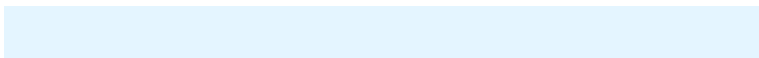
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.9760, 0.3611, 0.4050



93.9760, 0.2482, 0.3312



93.9760, 0.2629, 0.2598



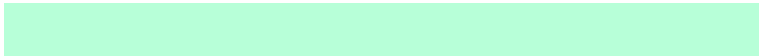
93.9760, 0.3809, 0.3215

Rectangle

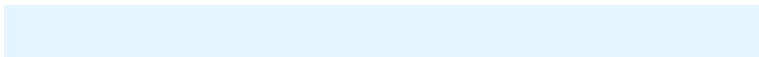
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.9760, 0.3611, 0.4050



93.9760, 0.2920, 0.3843



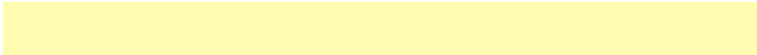
93.9760, 0.2629, 0.2598



93.9760, 0.3297, 0.2817

Sweetspot

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



93.9787, 0.3611, 0.4050



98.0621, 0.3262, 0.3504



55.1704, 0.3812, 0.3250



20.9258, 0.3285, 0.3539



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

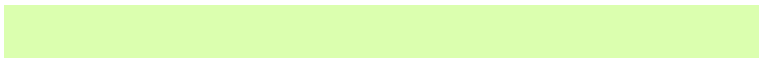
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9787, 0.3611, 0.4050



92.9596, 0.3712, 0.4206



89.6741, 0.3360, 0.4144



20.9672, 0.3270, 0.3516



45.4276, 0.4260, 0.5000



4.4581, 0.4252, 0.5006

Inverse Universe

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



48.1676, 0.2569, 0.2396



40.2439, 0.2431, 0.2172



51.7241, 0.2823, 0.2424



17.4867, 0.2978, 0.3053



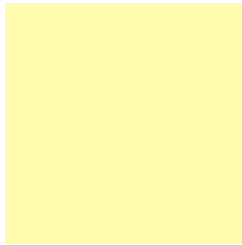
3.9280, 0.1506, 0.0622



0.4191, 0.1521, 0.0675

Previews

White Background



This preview shows how the Yxy color 93.9760, 0.3611, 0.4050 looks on a white background.

Color Contrast Check

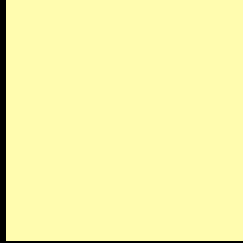
Large Text (above 18pt) WCAG AA × Fail

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 93.9760, 0.3611, 0.4050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

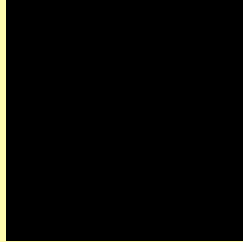
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.9760, 0.3611, 0.4050

Background



This preview shows how black text looks on a background with the Yxy color 93.9760, 0.3611, 0.4050.

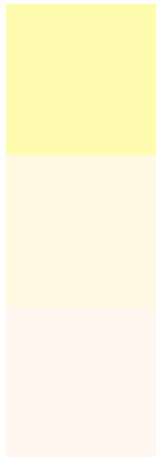


This preview shows how white text looks on a background with the Yxy color 93.9760, 0.3611, 0.4050.

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

93.9760, 0.3611, 0.4050

Protanopia

93.8858, 0.3306, 0.3505

Deuteranopia

94.0728, 0.3221, 0.3358



Tritanopia

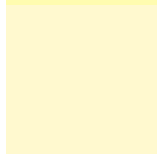
93.6567, 0.3144, 0.3213

Trichromacy



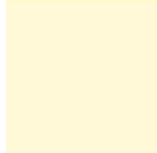
Original Color

93.9760, 0.3611, 0.4050



Protanomaly

93.5164, 0.3422, 0.3705



Deuteranomaly

93.9692, 0.3366, 0.3615



Tritanomaly

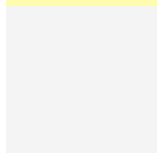
93.8310, 0.3312, 0.3515

Monochromacy



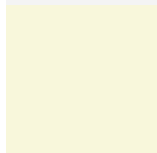
Original Color

93.9760, 0.3611, 0.4050



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.5925, 0.3303, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9760, 0.3611, 0.4050 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, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 175) }
```

Border

The CSS property to change the border of an element to Yxy 93.9760, 0.3611, 0.4050 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, 175) }
```

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

```
.border{ border-color:rgb(255, 252, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9760, 0.3611, 0.4050 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
252, 175) }
```

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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