

Converting Colors

$Yxy(98.6669, 0.3714, 0.3960)$

Have a look what the booklet for
Yxy(98.6669, 0.3714, 0.3960)
contains.

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Color

Yxy(94.8468, 0.3572, 0.4000)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFFDB5 |
| RGB | 255, 253, 181 |
| RGB Percent | 100%, 99%, 71% |
| CMY | 0.0001, 0.0078, 0.2901 |
| CMYK | 0.00, 0.01, 0.29, 0.00 |
| HSL | 58°, 100%, 85% |
| HSV | 58°, 29%, 100% |
| XYZ | 84.6982, 94.8468, 57.5720 |
| YIQ | 245.3900, 24.3040, -21.9680 |

Conversions

Conversions Part 2

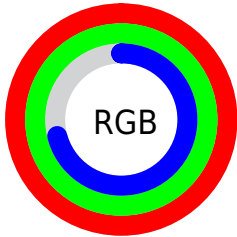
| Format | Color |
|-------------------------------------|--|
| RYB | 183, 255, 181 |
| Decimal | 16776629 |
| CIELab | 97.97, -10.11, 34.78 |
| CIElCh | 98, 36.217, 106.206 |
| Yxy | 94.8468, 0.3572, 0.4000 |
| Android (android.graphics.Color) | 4294966709 (0xFFFFFDB5) |
| YUV | 245.3900, -31.7443, 8.4280 |
| Hunter-Lab | 97.3893, -15.1922, 33.1231 |

Details

The Yxy color **94.8468, 0.3572, 0.4000** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.9017, 0.2617, 0.2465**, and the grayscale version is **91.8876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **52.8825, 0.3660, 0.4154** is the 20% darker color. If you saturate the color by 10%, you get **93.4744, 0.3723, 0.4238**, and if you desaturate by 10%, it is **96.4208, 0.3417, 0.3753**.

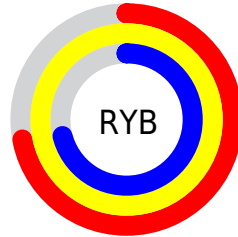
Distribution



Red (100%)

Green (99%)

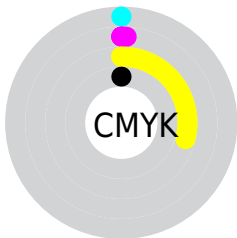
Blue (71%)



Red (72%)

Yellow (100%)

Blue (71%)

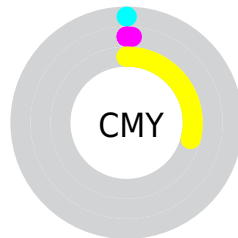


Cyan (0%)

Magenta (1%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.8468, 0.3572, 0.4000 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 94.8468, 0.3572, 0.4000 by changing the saturation by 10% instead.

 94.8468, 0.3572,
0.4000

 94.8468, 0.3572,
0.4000

543.6744, 0.3382,
0.3684

 72.0075, 0.3611,
0.4069


 154.0529, 0.3509,
0.3893

 53.1648, 0.3658,
0.4152

191.1885, 0.3484,
0.3850

 37.9343, 0.3714,
0.4254


233.8583, 0.3462,
0.3814

 25.9317, 0.3782,
0.4382

282.4468, 0.3442,
0.3781

 16.7726, 0.3864,
0.4547

337.3382, 0.3424,
0.3753

 10.0725, 0.3963,
0.4763

398.9170, 0.3409,

 5.4470, 0.4075,

0.3727

0.5053

467.5676, 0.3395,
0.3704

■ 2.5119, 0.4340,
0.5660

■ 0.8826, 0.4015,
0.5985

■ 94.8468, 0.3572,
0.4000

■ 94.8468, 0.3572,
0.4000

■ 93.4744, 0.3723,
0.4238

■ 96.4208, 0.3417,
0.3753

■ 92.2803, 0.3864,
0.4459

■ 98.1932, 0.3262,
0.3506

■ 91.2573, 0.3988,
0.4650

99.9934, 0.3127,
0.3290

■ 90.3926, 0.4089,
0.4805

■ 89.6718, 0.4165,
0.4917

■ 89.0774, 0.4214,
0.4984

■ 88.5841, 0.4239,
0.5013

■ 88.5371, 0.4241,
0.5015

Harmonies

Analogous

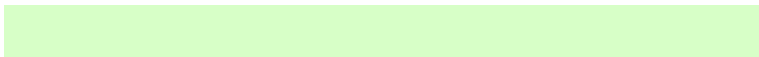
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8468, 0.3846, 0.3840



94.8468, 0.3572, 0.4000



94.8468, 0.3189, 0.3953

Triad

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



94.8468, 0.3572, 0.4000



94.8468, 0.2392, 0.2945



94.8468, 0.3432, 0.2934

Complementary

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



94.8468, 0.3572, 0.4000



50.9017, 0.2617, 0.2465

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.



94.8468, 0.3025, 0.2724



94.8468, 0.3572, 0.4000



94.8468, 0.2445, 0.2713

Square

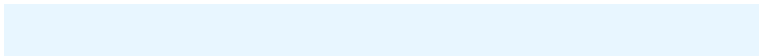
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.8468, 0.3572, 0.4000



94.8468, 0.2518, 0.3302



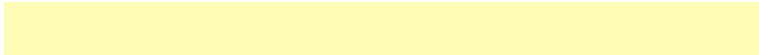
94.8468, 0.2669, 0.2642



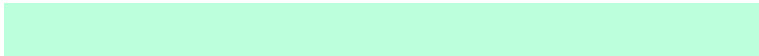
94.8468, 0.3769, 0.3230

Rectangle

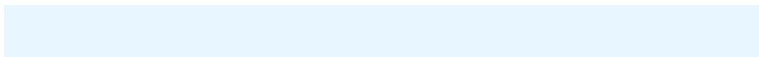
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.8468, 0.3572, 0.4000



94.8468, 0.2926, 0.3796



94.8468, 0.2669, 0.2642



94.8468, 0.3297, 0.2852

Sweetspot

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



94.8511, 0.3572, 0.4000



98.2235, 0.3262, 0.3506



57.7512, 0.3753, 0.3266



20.9659, 0.3284, 0.3542



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

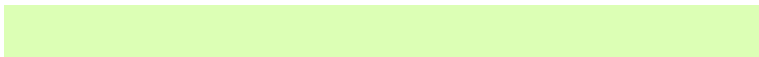
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.8511, 0.3572, 0.4000



94.0316, 0.3663, 0.4145



90.1227, 0.3335, 0.4076



21.0037, 0.3270, 0.3519



46.3138, 0.4240, 0.5016



4.5344, 0.4234, 0.5020

Inverse Universe

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



50.9017, 0.2617, 0.2465



43.3435, 0.2493, 0.2263



54.8037, 0.2860, 0.2498



17.4544, 0.2978, 0.3051



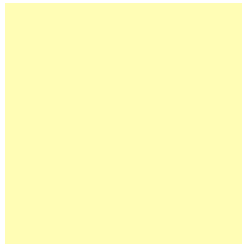
3.8821, 0.1505, 0.0616



0.4038, 0.1515, 0.0653

Previews

White Background



This preview shows how the Yxy color 94.8468, 0.3572, 0.4000 looks on a white background.

Color Contrast Check

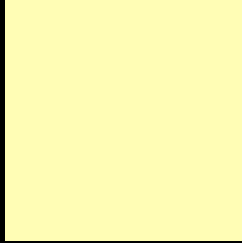
Large Text (above 18pt) WCAG AA × Fail

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 94.8468, 0.3572, 0.4000 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 94.8468, 0.3572, 0.4000

Background



This preview shows how black text looks on a background with the Yxy color 94.8468, 0.3572, 0.4000.



This preview shows how white text looks on a background with the Yxy color 94.8468, 0.3572, 0.4000.

Color Blindness Simulation

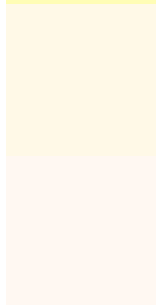
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.8468, 0.3572, 0.4000



Protanopia

94.7809, 0.3274, 0.3466

Deuteranopia

94.8056, 0.3208, 0.3348

Tritanopia

94.9373, 0.3137, 0.3223

Trichromacy



Original Color

94.8468, 0.3572, 0.4000



Protanomaly

94.4353, 0.3383, 0.3654



Deuteranomaly

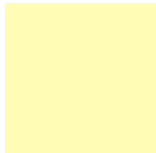
94.7985, 0.3340, 0.3584



Tritanomaly

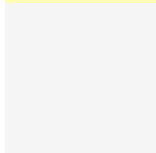
94.5574, 0.3298, 0.3505

Monochromacy



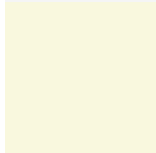
Original Color

94.8468, 0.3572, 0.4000



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.5485, 0.3290, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.8468, 0.3572, 0.4000 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 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, 253, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 181) }
```

Border

The CSS property to change the border of an element to Yxy 94.8468, 0.3572, 0.4000 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, 181) }
```

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

```
.border{ border-color:rgb(255, 253, 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, 253, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 253, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 253, 181); box-shadow:4px 4px 4px 4px rgb(255, 253, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8468, 0.3572, 0.4000 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, 181) }
```

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

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