

Converting Colors

$Y_{xy}(100.0000, 0.3797, 0.3916)$

Have a look what the booklet for
Yxy(100.0000, 0.3797, 0.3916)
contains.

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Color

Yxy(93.6318, 0.3571, 0.3972)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBB6
RGB	255, 251, 182
RGB Percent	100%, 98%, 71%
CMY	0.0001, 0.0156, 0.2861
CMYK	0.00, 0.02, 0.29, 0.00
HSL	57°, 100%, 86%
HSV	57°, 29%, 100%
XYZ	84.1790, 93.6318, 57.9188
YIQ	244.3300, 24.5330, -20.6110

Conversions

Conversions Part 2

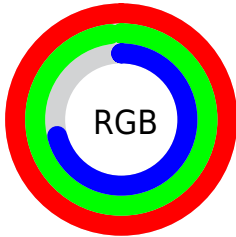
Format	Color
R_{YB}	186, 255, 182
Decimal	16776118
CIE _{Lab}	97.48, -8.99, 33.61
CIE _{LCh}	97, 34.791, 104.969
Yxy	93.6318, 0.3571, 0.3972
Android (android.graphics.Color)	4294966198 (0xFFFFFBB6)
YUV	244.3300, -30.7287, 9.3576
Hunter-Lab	96.7635, -14.0508, 32.2459

Details

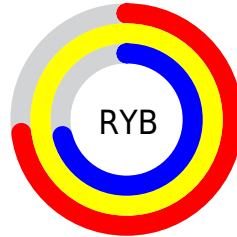
The Yxy color **93.6318, 0.3571, 0.3972** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.2968, 0.2627, 0.2502**, and the grayscale version is **90.9846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **52.4590, 0.3657, 0.4131** is the 20% darker color. If you saturate the color by 10%, you get **91.8116, 0.3727, 0.4206**, and if you desaturate by 10%, it is **95.6588, 0.3413, 0.3731**.

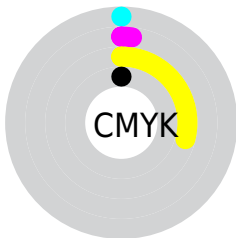
Distribution



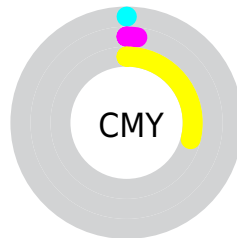
- Red (100%)
- Green (98%)
- Blue (71%)



- Red (73%)
- Yellow (100%)
- Blue (71%)



- Cyan (0%)
- Magenta (2%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (2%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.6318, 0.3571, 0.3972 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 93.6318, 0.3571, 0.3972 by changing the saturation by 10% instead.


 93.6318, 0.3571,
0.3972

 93.6318, 0.3571,
0.3972


539.7755, 0.3380,
0.3668

 70.9967, 0.3611,
0.4038


 152.3730, 0.3508,
0.3869

 52.3395, 0.3658,
0.4118


189.2480, 0.3482,
0.3828

 37.2758, 0.3715,
0.4217


231.6384, 0.3460,
0.3793

 25.4211, 0.3785,
0.4341

279.9286, 0.3440,
0.3762

 16.3911, 0.3870,
0.4500

334.5030, 0.3423,
0.3734

 9.8013, 0.3973,
0.4710

395.7460, 0.3407,

 5.2674, 0.4095,

0.3709

0.4992

464.0421, 0.3393,
0.3688

■ 2.4050, 0.4394,
0.5606

■ 0.8285, 0.4068,
0.5932

■ 93.6318, 0.3571,
0.3972

■ 93.6318, 0.3571,
0.3972

■ 91.8116, 0.3727,
0.4206

■ 95.6588, 0.3413,
0.3731

■ 90.1750, 0.3873,
0.4423

■ 97.8895, 0.3257,
0.3491

■ 88.7149, 0.4005,
0.4613

99.9961, 0.3127,
0.3290

■ 87.4185, 0.4116,
0.4767

■ 86.2713, 0.4200,
0.4878

■ 85.2563, 0.4258,
0.4945

■ 84.3489, 0.4290,
0.4971

■ 84.2260, 0.4293,
0.4973

Harmonies

Analogous

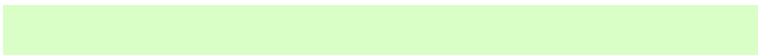
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6318, 0.3828, 0.3813



93.6318, 0.3571, 0.3972



93.6318, 0.3204, 0.3934

Triad

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



93.6318, 0.3571, 0.3972



93.6318, 0.2418, 0.2970



93.6318, 0.3405, 0.2935

Complementary

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



93.6318, 0.3571, 0.3972



52.2968, 0.2627, 0.2502

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.



93.6318, 0.3013, 0.2736



93.6318, 0.3571, 0.3972



93.6318, 0.2462, 0.2739

Square

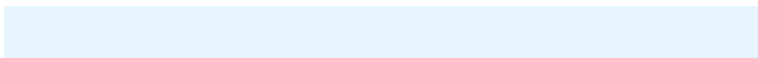
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.6318, 0.3571, 0.3972



93.6318, 0.2547, 0.3318



93.6318, 0.2673, 0.2663



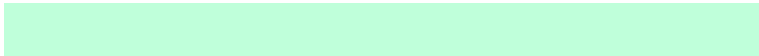
93.6318, 0.3736, 0.3220

Rectangle

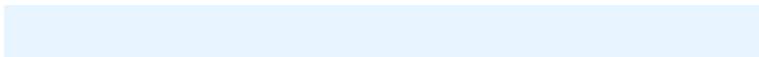
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.6318, 0.3571, 0.3972



93.6318, 0.2949, 0.3789



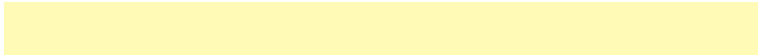
93.6318, 0.2673, 0.2663



93.6318, 0.3275, 0.2857

Sweetspot

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



93.6360, 0.3571, 0.3972



97.8146, 0.3263, 0.3500



58.3173, 0.3720, 0.3241



20.8643, 0.3285, 0.3535



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

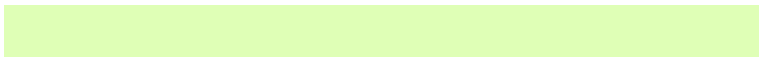
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6360, 0.3571, 0.3972



92.6442, 0.3656, 0.4100



90.6343, 0.3349, 0.4060



20.9112, 0.3270, 0.3512



44.0915, 0.4292, 0.4974



4.3428, 0.4279, 0.4984

Inverse Universe

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



52.2968, 0.2627, 0.2502



45.4723, 0.2517, 0.2326



54.9398, 0.2847, 0.2506



17.5363, 0.2978, 0.3058



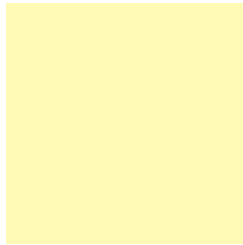
3.9986, 0.1509, 0.0632



0.4427, 0.1530, 0.0709

Previews

White Background



This preview shows how the Yxy color 93.6318, 0.3571, 0.3972 looks on a white background.

Color Contrast Check

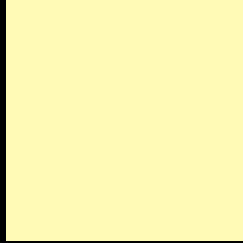
Large Text (above 18pt) WCAG AA × Fail

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 93.6318, 0.3571, 0.3972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

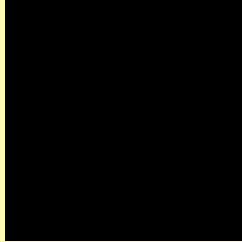
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.6318, 0.3571, 0.3972

Background



This preview shows how black text looks on a background with the Yxy color 93.6318, 0.3571, 0.3972.

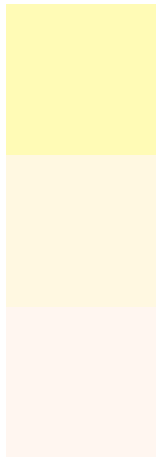


This preview shows how white text looks on a background with the Yxy color 93.6318, 0.3571, 0.3972.

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

93.6318, 0.3571, 0.3972

Protanopia

93.8310, 0.3312, 0.3515

Deuteranopia

93.4628, 0.3222, 0.3348



Tritanopia

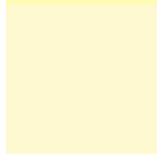
93.6567, 0.3144, 0.3213

Trichromacy



Original Color

93.6318, 0.3571, 0.3972



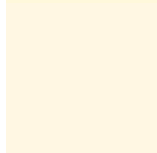
Protanomaly

93.6148, 0.3410, 0.3685



Deuteranomaly

93.5093, 0.3349, 0.3575



Tritanomaly

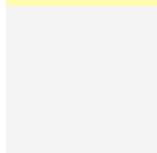
93.3276, 0.3301, 0.3486

Monochromacy



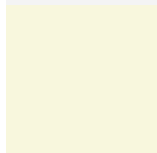
Original Color

93.6318, 0.3571, 0.3972



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.6984, 0.3291, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6318, 0.3571, 0.3972 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, 251, 182)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 182)  
}
```

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, 251, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 182) }
```

Border

The CSS property to change the border of an element to Yxy 93.6318, 0.3571, 0.3972 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, 251, 182) }
```

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

```
.border{ border-color:rgb(255, 251, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 251, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 251, 182); box-shadow:4px 4px 4px 4px rgb(255, 251, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6318, 0.3571, 0.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 182) }
```

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

```
.background{ background-color: rgb(255,  
251, 182) }
```

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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