

Converting Colors

Yxy(199.1906, 0.3323, 0.4902)

Have a look what the booklet for
Yxy(199.1906, 0.3323, 0.4902)
contains.

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Color

Yxy(94.9391, 0.3568, 0.4086)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFAF
RGB	250, 255, 175
RGB Percent	98%, 100%, 69%
CMY	0.0199, 0.0000, 0.3137
CMYK	0.02, 0.00, 0.31, 0.00
HSL	64°, 100%, 84%
HSV	64°, 31%, 100%
XYZ	82.9033, 94.9391, 54.5098
YIQ	244.3850, 22.7000, -25.9400

Conversions

Conversions Part 2

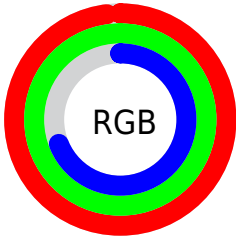
Format	Color
RYB	175, 255, 180
Decimal	16449455
CIELab	98.01, -13.69, 37.76
CIELCh	98, 40.166, 109.928
Yxy	94.9391, 0.3568, 0.4086
Android (android.graphics.Color)	4294639535 (0xFFFAFFAF)
YUV	244.3850, -34.2068, 4.9244
Hunter-Lab	97.4367, -18.6389, 35.0366

Details

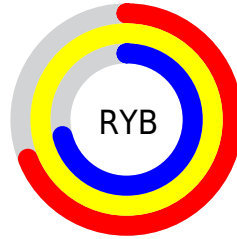
The Yxy color **94.9391, 0.3568, 0.4086** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.5896, 0.2600, 0.2369**, and the grayscale version is **91.0384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **53.1308, 0.3653, 0.4247** is the 20% darker color. If you saturate the color by 10%, you get **93.7199, 0.3701, 0.4333**, and if you desaturate by 10%, it is **96.3243, 0.3428, 0.3829**.

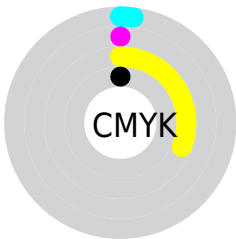
Distribution



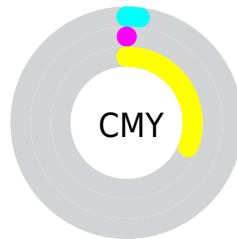
- Red (98%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (71%)



- Cyan (2%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9391, 0.3568, 0.4086 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 94.9391, 0.3568, 0.4086 by changing the saturation by 10% instead.


 94.9391, 0.3568,
0.4086

 94.9391, 0.3568,
0.4086

543.9700, 0.3382,
0.3730

 72.0843, 0.3606,
0.4164


 154.1805, 0.3507,
0.3965

 53.2275, 0.3650,
0.4258


191.3358, 0.3482,
0.3917

 37.9844, 0.3703,
0.4373


234.0268, 0.3461,
0.3876

 25.9706, 0.3765,
0.4518

282.6378, 0.3441,
0.3839

 16.8017, 0.3838,
0.4704

337.5532, 0.3424,
0.3807

 10.0932, 0.3921,
0.4948

399.1575, 0.3409,

 5.4608, 0.4008,

0.3778

0.5280

467.8349, 0.3395,
0.3753

■ 2.5201, 0.4146,
0.5854

■ 0.8867, 0.3645,
0.6355

■ 94.9391, 0.3568,
0.4086

■ 94.9391, 0.3568,
0.4086

■ 93.7199, 0.3701,
0.4333

■ 96.3243, 0.3428,
0.3829

■ 92.6947, 0.3821,
0.4561

■ 97.9239, 0.3286,
0.3573

■ 91.8388, 0.3922,
0.4760

■ 99.7343, 0.3146,
0.3323

■ 91.1391, 0.4000,
0.4921

100.0000, 0.3127,
0.3290

■ 90.5804, 0.4051,
0.5037

■ 90.1446, 0.4076,
0.5109

■ 89.8434, 0.4081,
0.5142

Harmonies

Analogous

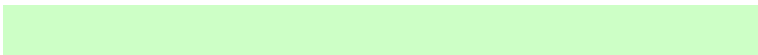
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9391, 0.3894, 0.3926



94.9391, 0.3568, 0.4086



94.9391, 0.3137, 0.4006

Triad

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



94.9391, 0.3568, 0.4086



94.9391, 0.2315, 0.2864



94.9391, 0.3517, 0.2934

Complementary

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



94.9391, 0.3568, 0.4086



47.5896, 0.2600, 0.2369

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.



94.9391, 0.3067, 0.2690



94.9391, 0.3568, 0.4086



94.9391, 0.2397, 0.2633

Square

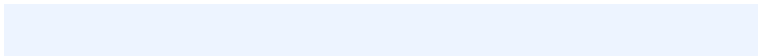
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.9391, 0.3568, 0.4086



94.9391, 0.2428, 0.3246



94.9391, 0.2662, 0.2579



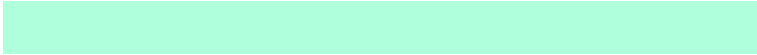
94.9391, 0.3874, 0.3264

Rectangle

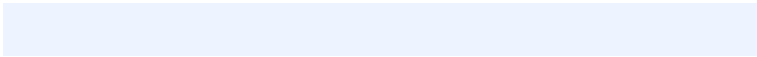
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.9391, 0.3568, 0.4086



94.9391, 0.2851, 0.3812



94.9391, 0.2662, 0.2579



94.9391, 0.3370, 0.2840

Sweetspot

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



94.9262, 0.3568, 0.4086



98.3343, 0.3252, 0.3513



56.5938, 0.3835, 0.3334



20.9934, 0.3273, 0.3549



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

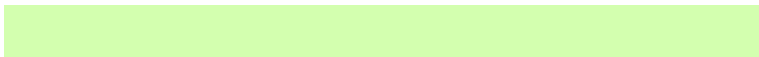
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9262, 0.3568, 0.4086



94.1062, 0.3657, 0.4251



88.4636, 0.3307, 0.4158



21.0287, 0.3259, 0.3525



46.9702, 0.4083, 0.5140



4.5903, 0.4096, 0.5130

Inverse Universe

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



47.5896, 0.2600, 0.2369



39.6259, 0.2466, 0.2140



52.9383, 0.2884, 0.2439



17.4327, 0.2988, 0.3045



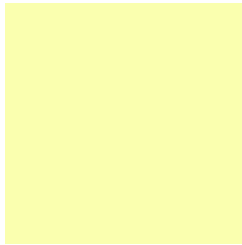
3.8516, 0.1519, 0.0610



0.3934, 0.1563, 0.0634

Previews

White Background



This preview shows how the Yxy color 94.9391, 0.3568, 0.4086 looks on a white background.

Color Contrast Check

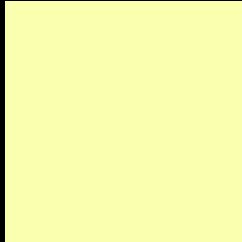
Large Text (above 18pt) WCAG AA × Fail

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 94.9391, 0.3568, 0.4086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

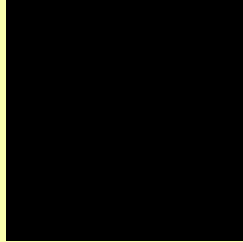
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

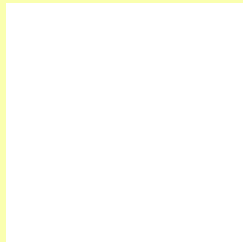
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.9391, 0.3568, 0.4086

Background



This preview shows how black text looks on a background with the Yxy color 94.9391, 0.3568, 0.4086.



This preview shows how white text looks on a background with the Yxy color 94.9391, 0.3568, 0.4086.

Color Blindness Simulation

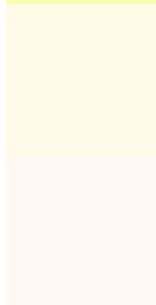
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.9391, 0.3568, 0.4086



Protanopia

94.7809, 0.3274, 0.3466

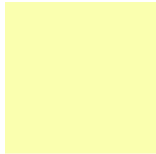
Deuteranopia

94.8056, 0.3208, 0.3348

Tritanopia

94.8124, 0.3124, 0.3213

Trichromacy



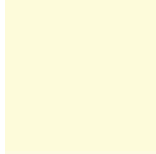
Original Color

94.9391, 0.3568, 0.4086



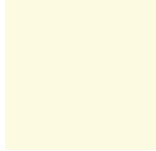
Protanomaly

94.5802, 0.3381, 0.3685



Deuteranomaly

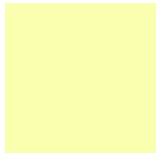
94.9390, 0.3338, 0.3615



Tritanomaly

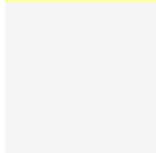
94.7448, 0.3290, 0.3525

Monochromacy



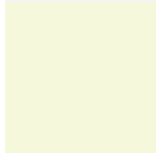
Original Color

94.9391, 0.3568, 0.4086



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.8421, 0.3289, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9391, 0.3568, 0.4086 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(250, 255, 175)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 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(250, 255, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 175) }
```

Border

The CSS property to change the border of an element to Yxy 94.9391, 0.3568, 0.4086 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(250, 255, 175) }
```

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

```
.border{ border-color:rgb(250, 255, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 175);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9391, 0.3568, 0.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 175) }
```

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

```
.background{ background-color: rgb(250,  
255, 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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