

Converting Colors

$Yxy(96.6233, 0.3501, 0.4053)$

Have a look what the booklet for
Yxy(96.6233, 0.3501, 0.4053)
contains.

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Color

Yxy(94.6716, 0.3507, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFB6
RGB	247, 255, 182
RGB Percent	97%, 100%, 71%
CMY	0.0315, 0.0000, 0.2864
CMYK	0.03, 0.00, 0.29, 0.00
HSL	67°, 100%, 86%
HSV	67°, 29%, 100%
XYZ	82.5493, 94.6716, 58.1635
YIQ	244.2860, 18.6650, -24.3990

Conversions

Conversions Part 2

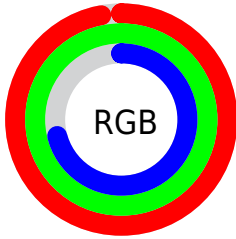
Format	Color
RYB	182, 255, 190
Decimal	16252854
CIELab	97.90, -13.91, 34.10
CIELCh	98, 36.832, 112.188
Yxy	94.6716, 0.3507, 0.4022
Android (android.graphics.Color)	4294442934 (0xFFFF7FFB6)
YUV	244.2860, -30.7070, 2.3802
Hunter-Lab	97.2993, -18.8334, 32.6672

Details

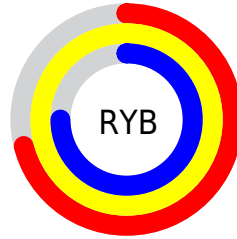
The Yxy color **94.6716, 0.3507, 0.4022** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.6140, 0.2677, 0.2467**, and the grayscale version is **90.9349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **52.8938, 0.3584, 0.4183** is the 20% darker color. If you saturate the color by 10%, you get **93.1976, 0.3634, 0.4278**, and if you desaturate by 10%, it is **96.3297, 0.3374, 0.3761**.

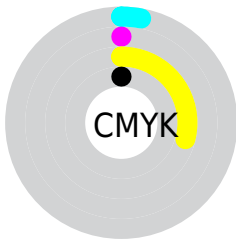
Distribution



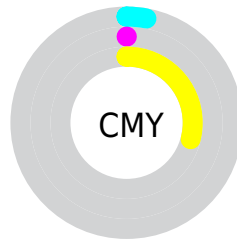
- Red (97%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (75%)



- Cyan (3%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6716, 0.3507, 0.4022 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 94.6716, 0.3507, 0.4022 by changing the saturation by 10% instead.

 94.6716, 0.3507,
0.4022

 94.6716, 0.3507,
0.4022


543.1131, 0.3346,
0.3693

 71.8617, 0.3540,
0.4094

 153.8108, 0.3454,
0.3910

 53.0457, 0.3579,
0.4182


190.9089, 0.3433,
0.3866

 37.8392, 0.3625,
0.4290


233.5385, 0.3414,
0.3828

 25.8579, 0.3680,
0.4427

282.0841, 0.3397,
0.3794

 16.7174, 0.3746,
0.4604

336.9299, 0.3382,
0.3764

 10.0332, 0.3823,
0.4840

398.4604, 0.3369,

 5.4210, 0.3903,

0.3738

0.5164

467.0600, 0.3357,
0.3714

■ 2.4963, 0.4132,
0.5868

■ 0.8748, 0.3599,
0.6401

■ 94.6716, 0.3507,
0.4022

■ 94.6716, 0.3507,
0.4022

■ 93.1976, 0.3634,
0.4278

■ 96.3297, 0.3374,
0.3761

■ 91.9206, 0.3750,
0.4520

■ 98.2049, 0.3240,
0.3504

■ 90.8212, 0.3848,
0.4737

100.0000, 0.3127,
0.3290

■ 89.8869, 0.3924,
0.4918

■ 89.1030, 0.3974,
0.5058

■ 88.4523, 0.3998,
0.5151

■ 87.9104, 0.3998,
0.5203

■ 87.8406, 0.3997,
0.5208

Harmonies

Analogous

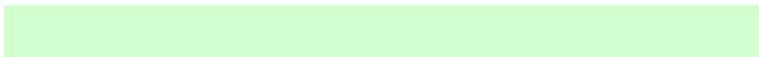
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6716, 0.3816, 0.3895



94.6716, 0.3507, 0.4022



94.6716, 0.3108, 0.3928

Triad

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



94.6716, 0.3507, 0.4022



94.6716, 0.2376, 0.2879



94.6716, 0.3515, 0.2983

Complementary

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



94.6716, 0.3507, 0.4022



51.6140, 0.2677, 0.2467

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.



94.6716, 0.3104, 0.2748



94.6716, 0.3507, 0.4022



94.6716, 0.2466, 0.2676

Square

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



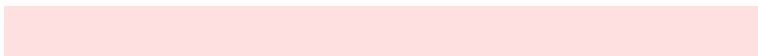
94.6716, 0.3507, 0.4022



94.6716, 0.2468, 0.3223



94.6716, 0.2724, 0.2636



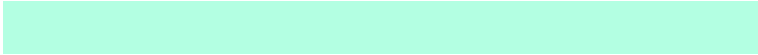
94.6716, 0.3829, 0.3294

Rectangle

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



94.6716, 0.3507, 0.4022



94.6716, 0.2847, 0.3741



94.6716, 0.2724, 0.2636



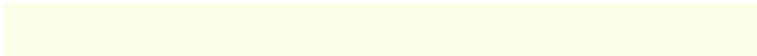
94.6716, 0.3382, 0.2893

Sweetspot

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



94.6638, 0.3507, 0.4022



98.1332, 0.3245, 0.3513



61.1509, 0.3742, 0.3368



20.9435, 0.3265, 0.3550



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

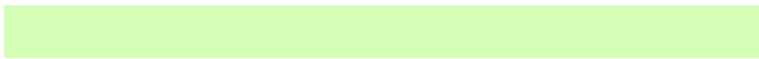
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6638, 0.3507, 0.4022



93.8534, 0.3576, 0.4161



88.7725, 0.3269, 0.4081



20.9833, 0.3252, 0.3526



45.9394, 0.4001, 0.5205



4.5007, 0.4024, 0.5187

Inverse Universe

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



51.6140, 0.2677, 0.2467



44.7824, 0.2576, 0.2287



56.8003, 0.2937, 0.2525



17.4734, 0.2996, 0.3045



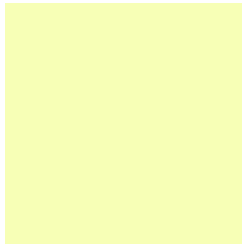
3.9326, 0.1538, 0.0621



0.4126, 0.1608, 0.0659

Previews

White Background



This preview shows how the Yxy color 94.6716, 0.3507, 0.4022 looks on a white background.

Color Contrast Check

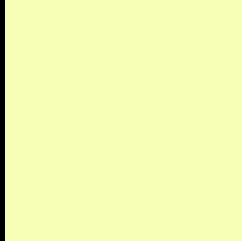
Large Text (above 18pt) WCAG AA × Fail

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 94.6716, 0.3507, 0.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

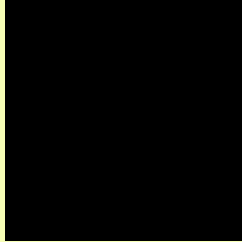
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.6716, 0.3507, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 94.6716, 0.3507, 0.4022.



This preview shows how white text looks on a background with the Yxy color 94.6716, 0.3507, 0.4022.

Color Blindness Simulation

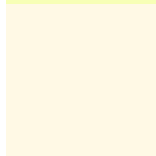
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



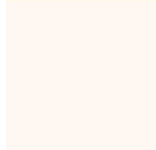
Original Color

94.6716, 0.3507, 0.4022



Protanopia

94.6685, 0.3286, 0.3485



Deuteranopia

94.8056, 0.3208, 0.3348

Tritanopia

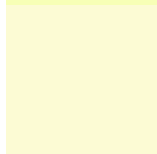
94.4370, 0.3112, 0.3213

Trichromacy



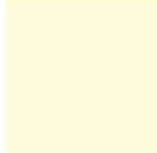
Original Color

94.6716, 0.3507, 0.4022



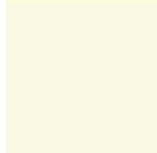
Protanomaly

94.4433, 0.3368, 0.3676



Deuteranomaly

94.8571, 0.3319, 0.3595



Tritanomaly

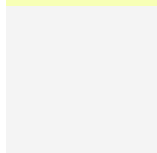
94.2966, 0.3258, 0.3507

Monochromacy



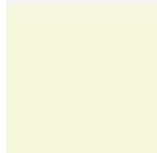
Original Color

94.6716, 0.3507, 0.4022



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.7677, 0.3270, 0.3561

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6716, 0.3507, 0.4022 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(247, 255, 182)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 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(247, 255, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 182) }
```

Border

The CSS property to change the border of an element to Yxy 94.6716, 0.3507, 0.4022 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(247, 255, 182) }
```

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

```
.border{ border-color:rgb(247, 255, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 255, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 182);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6716, 0.3507, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 182) }
```

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

```
.background{ background-color: rgb(247,  
255, 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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