

Converting Colors

$Yxy(95.3351, 0.3589, 0.3933)$

Have a look what the booklet for
Yxy(95.3351, 0.3589, 0.3933)
contains.

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Color

Yxy(94.4260, 0.3545, 0.3942)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCBA
RGB	255, 252, 186
RGB Percent	100%, 99%, 73%
CMY	0.0000, 0.0118, 0.2706
CMYK	0.00, 0.01, 0.27, 0.00
HSL	57°, 100%, 86%
HSV	57°, 27%, 100%
XYZ	84.9163, 94.4260, 60.1960
YIQ	245.3730, 22.9740, -19.8900

Conversions

Conversions Part 2

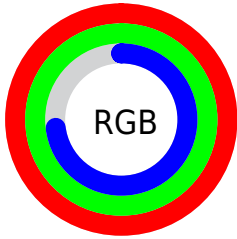
Format	Color
RYB	189, 255, 186
Decimal	16776378
CIELab	97.80, -8.97, 32.07
CIELCh	98, 33.296, 105.624
Yxy	94.4260, 0.3545, 0.3942
Android (android.graphics.Color)	4294966458 (0xFFFFFCBA)
YUV	245.3730, -29.2709, 8.4429
Hunter-Lab	97.1730, -14.0675, 31.2926

Details

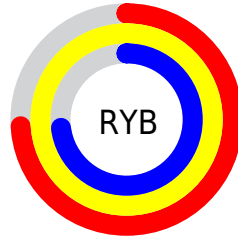
The Yxy color **94.4260, 0.3545, 0.3942** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.0455, 0.2657, 0.2542**, and the grayscale version is **91.8524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **53.1516, 0.3632, 0.4090** is the 20% darker color. If you saturate the color by 10%, you get **92.7441, 0.3700, 0.4180**, and if you desaturate by 10%, it is **96.3078, 0.3388, 0.3698**.

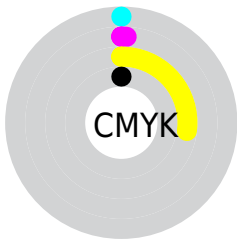
Distribution



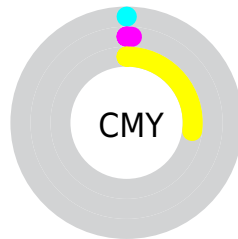
- Red (100%)
- Green (99%)
- Blue (73%)



- Red (74%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (1%)
- Yellow (27%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.4260, 0.3545, 0.3942 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 94.4260, 0.3545, 0.3942 by changing the saturation by 10% instead.


 94.4260, 0.3545,
0.3942

 94.4260, 0.3545,
0.3942


542.3257, 0.3365,
0.3651

 71.6573, 0.3583,
0.4005

 153.4714, 0.3485,
0.3843

 52.8788, 0.3627,
0.4082

190.5168, 0.3461,
0.3805

 37.7060, 0.3681,
0.4177


233.0900, 0.3440,
0.3771

 25.7546, 0.3747,
0.4295

281.5754, 0.3422,
0.3741

 16.6401, 0.3828,
0.4449

336.3572, 0.3405,
0.3715

 9.9783, 0.3929,
0.4652

397.8200, 0.3391,

 5.3845, 0.4049,

0.3691

0.4929

466.3480, 0.3377,
0.3670

■ 2.4746, 0.4400,
0.5600

■ 0.8639, 0.4107,
0.5893

■ 94.4260, 0.3545,
0.3942

■ 94.4260, 0.3545,
0.3942

■ 92.7441, 0.3700,
0.4180

■ 96.3078, 0.3388,
0.3698

■ 91.2484, 0.3846,
0.4402

■ 98.3955, 0.3233,
0.3456

■ 89.9286, 0.3978,
0.4598

100.0000, 0.3127,
0.3290

■ 88.7724, 0.4089,
0.4759

■ 87.7656, 0.4175,
0.4878

■ 86.8915, 0.4233,
0.4952

■ 86.1288, 0.4266,
0.4985

■ 85.9166, 0.4272,
0.4990

Harmonies

Analogous

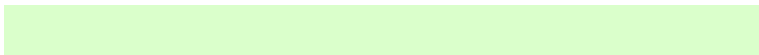
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.4260, 0.3793, 0.3796



94.4260, 0.3545, 0.3942



94.4260, 0.3193, 0.3900

Triad

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



94.4260, 0.3545, 0.3942



94.4260, 0.2447, 0.2979



94.4260, 0.3401, 0.2956

Complementary

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



94.4260, 0.3545, 0.3942



54.0455, 0.2657, 0.2542

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.



94.4260, 0.3027, 0.2762



94.4260, 0.3545, 0.3942



94.4260, 0.2494, 0.2761

Square

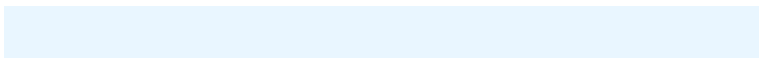
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.4260, 0.3545, 0.3942



94.4260, 0.2569, 0.3310



94.4260, 0.2699, 0.2689



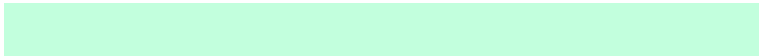
94.4260, 0.3713, 0.3230

Rectangle

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



94.4260, 0.3545, 0.3942



94.4260, 0.2950, 0.3759



94.4260, 0.2699, 0.2689



94.4260, 0.3277, 0.2880

Sweetspot

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



94.4272, 0.3545, 0.3942



98.1911, 0.3247, 0.3479



60.0652, 0.3687, 0.3256



20.9474, 0.3270, 0.3515



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

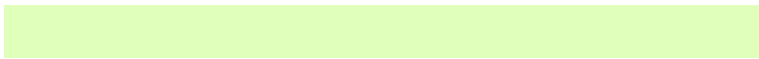
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.4272, 0.3545, 0.3942



93.5724, 0.3622, 0.4061



90.9029, 0.3330, 0.4017



20.9474, 0.3270, 0.3515



44.9528, 0.4271, 0.4991



4.4171, 0.4261, 0.4998

Inverse Universe

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



54.0455, 0.2657, 0.2542



47.5720, 0.2557, 0.2382



57.0903, 0.2873, 0.2554



17.5041, 0.2978, 0.3055



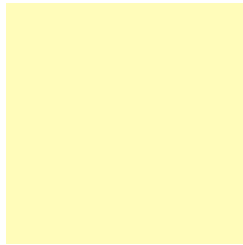
3.9529, 0.1507, 0.0626



0.4274, 0.1524, 0.0687

Previews

White Background



This preview shows how the Yxy color 94.4260, 0.3545, 0.3942 looks on a white background.

Color Contrast Check

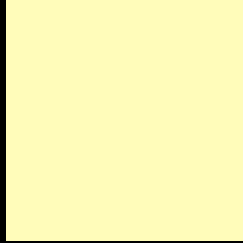
Large Text (above 18pt) WCAG AA × Fail

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 94.4260, 0.3545, 0.3942 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 94.4260, 0.3545, 0.3942

Background



This preview shows how black text looks on a background with the Yxy color 94.4260, 0.3545, 0.3942.



This preview shows how white text looks on a background with the Yxy color 94.4260, 0.3545, 0.3942.

Color Blindness Simulation

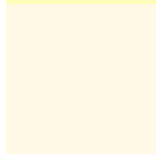
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



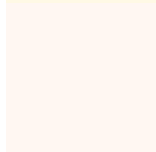
Original Color

94.4260, 0.3545, 0.3942



Protanopia

94.6685, 0.3286, 0.3485



Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

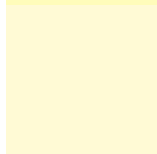
94.3273, 0.3137, 0.3214

Trichromacy



Original Color

94.4260, 0.3545, 0.3942



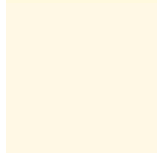
Protanomaly

94.4353, 0.3383, 0.3654



Deuteranomaly

94.2853, 0.3329, 0.3555



Tritanomaly

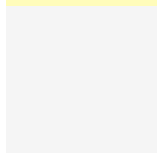
94.0519, 0.3287, 0.3476

Monochromacy



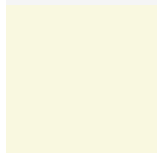
Original Color

94.4260, 0.3545, 0.3942



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.6564, 0.3278, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.4260, 0.3545, 0.3942 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 186) }
```

Border

The CSS property to change the border of an element to Yxy 94.4260, 0.3545, 0.3942 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, 186) }
```

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

```
.border{ border-color:rgb(255, 252, 186) }
```

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, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 94.4260, 0.3545, 0.3942 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
252, 186) }
```

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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