

Converting Colors

$Yxy(93.1313, 0.3502, 0.3838)$

Have a look what the booklet for
Yxy(93.1313, 0.3502, 0.3838)
contains.

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Color

Yxy(92.9064, 0.3503, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	FFF9C2
RGB	255, 249, 194
RGB Percent	100%, 98%, 76%
CMY	0.0000, 0.0236, 0.2393
CMYK	0.00, 0.02, 0.24, 0.00
HSL	54°, 100%, 88%
HSV	54°, 24%, 100%
XYZ	84.8634, 92.9064, 64.4894
YIQ	244.5240, 21.2310, -15.8330

Conversions

Conversions Part 2

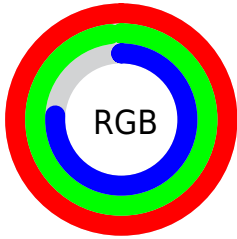
Format	Color
R _Y B	201, 255, 194
Decimal	16775618
CIE Lab	97.19, -6.42, 27.19
CIE LCh	97, 27.942, 103.287
Yxy	92.9064, 0.3503, 0.3835
Android (android.graphics.Color)	4294965698 (0xFFFFF9C2)
YUV	244.5240, -24.9083, 9.1875
Hunter-Lab	96.3880, -11.5212, 27.8030

Details

The Yxy color **92.9064, 0.3503, 0.3835** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.9921, 0.2722, 0.2679**, and the grayscale version is **91.0945, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **52.0391, 0.3581, 0.3957** is the 20% darker color. If you saturate the color by 10%, you get **90.3121, 0.3666, 0.4065**, and if you desaturate by 10%, it is **95.7101, 0.3341, 0.3603**.

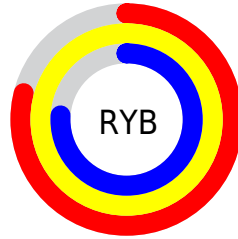
Distribution



Red (100%)

Green (98%)

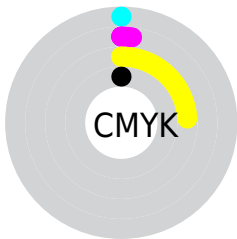
Blue (76%)



Red (79%)

Yellow (100%)

Blue (76%)

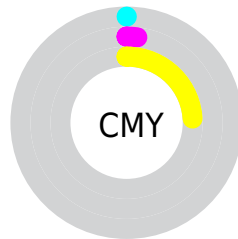


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (2%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9064, 0.3503, 0.3835 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 92.9064, 0.3503, 0.3835 by changing the saturation by 10% instead.


 92.9064, 0.3503,
0.3835

 92.9064, 0.3503,
0.3835


537.4406, 0.3339,
0.3592

 70.3937, 0.3538,
0.3888


 151.3690, 0.3448,
0.3752

 51.8476, 0.3580,
0.3953


188.0877, 0.3426,
0.3720

 36.8836, 0.3631,
0.4033


230.3106, 0.3407,
0.3691

 25.1174, 0.3694,
0.4133


278.4220, 0.3390,
0.3667

 16.1645, 0.3773,
0.4265

332.8063, 0.3375,
0.3645

 9.6406, 0.3876,
0.4441

393.8479, 0.3362,

 5.1614, 0.4009,

0.3625

0.4686

461.9312, 0.3350,
0.3608

■ 2.3422, 0.4356,
0.5260

■ 0.7959, 0.4297,
0.5703

■ 92.9064, 0.3503,
0.3835

■ 92.9064, 0.3503,
0.3835

■ 90.3121, 0.3666,
0.4065

■ 95.7101, 0.3341,
0.3603

■ 87.9290, 0.3826,
0.4283

■ 98.7445, 0.3186,
0.3377

■ 85.7420, 0.3976,
0.4481

100.0000, 0.3127,
0.3290

■ 83.7392, 0.4109,
0.4648

■ 81.9067, 0.4219,
0.4776

■ 80.2288, 0.4303,
0.4859

■ 78.6862, 0.4358,
0.4897

■ 77.7987, 0.4381,
0.4903

Harmonies

Analogous

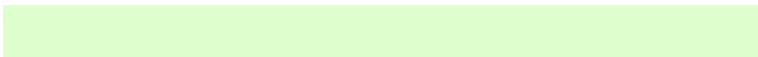
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9064, 0.3700, 0.3707



92.9064, 0.3503, 0.3835



92.9064, 0.3210, 0.3809

Triad

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



92.9064, 0.3503, 0.3835



92.9064, 0.2551, 0.3050



92.9064, 0.3336, 0.2990

Complementary

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



92.9064, 0.3503, 0.3835



59.9921, 0.2722, 0.2679

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.



92.9064, 0.3020, 0.2831



92.9064, 0.3503, 0.3835



92.9064, 0.2580, 0.2853

Square

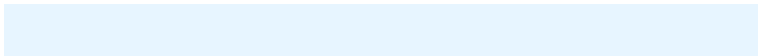
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.9064, 0.3503, 0.3835



92.9064, 0.2667, 0.3333



92.9064, 0.2747, 0.2779



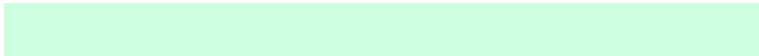
92.9064, 0.3604, 0.3222

Rectangle

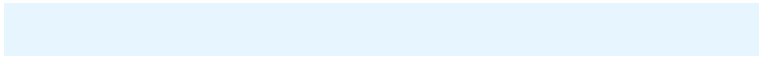
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.9064, 0.3503, 0.3835



92.9064, 0.3003, 0.3699



92.9064, 0.2747, 0.2779



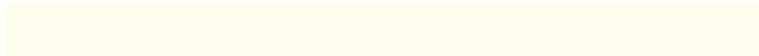
92.9064, 0.3231, 0.2927

Sweetspot

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



92.9024, 0.3503, 0.3835



97.7873, 0.3233, 0.3445



64.0116, 0.3579, 0.3228



20.8908, 0.3242, 0.3459



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

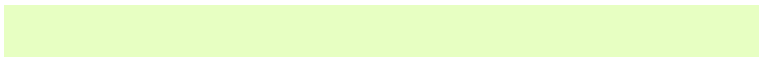
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9024, 0.3503, 0.3835



91.5618, 0.3586, 0.3952



92.3359, 0.3327, 0.3923



20.7670, 0.3272, 0.3502



40.7762, 0.4378, 0.4906



4.0551, 0.4354, 0.4925

Inverse Universe

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



59.9921, 0.2722, 0.2679



53.1568, 0.2624, 0.2528



60.7633, 0.2886, 0.2642



17.6652, 0.2979, 0.3069



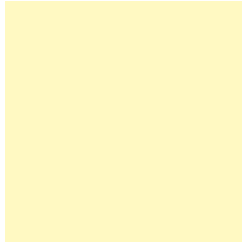
4.2324, 0.1518, 0.0665



0.5035, 0.1554, 0.0793

Previews

White Background



This preview shows how the Yxy color 92.9064, 0.3503, 0.3835 looks on a white background.

Color Contrast Check

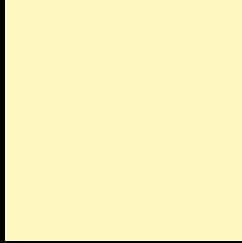
Large Text (above 18pt) WCAG AA × Fail

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 92.9064, 0.3503, 0.3835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

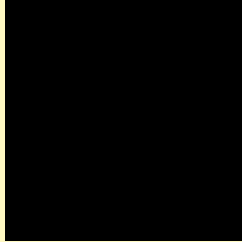
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.9064, 0.3503, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 92.9064, 0.3503, 0.3835.

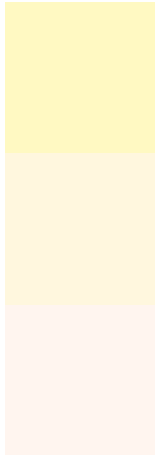


This preview shows how white text looks on a background with the Yxy color 92.9064, 0.3503, 0.3835.

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

92.9064, 0.3503, 0.3835

Protanopia

93.0555, 0.3332, 0.3536

Deuteranopia

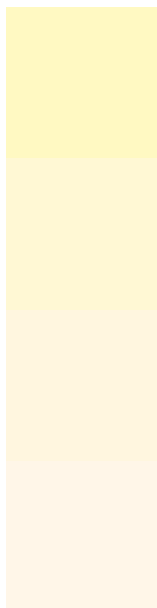
92.7968, 0.3229, 0.3349



Tritanopia

93.0532, 0.3144, 0.3204

Trichromacy



Original Color

92.9064, 0.3503, 0.3835

Protanomaly

93.1483, 0.3393, 0.3645

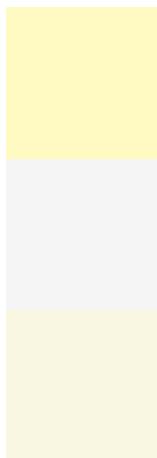
Deuteranomaly

92.4992, 0.3327, 0.3516

Tritanomaly

92.9977, 0.3271, 0.3427

Monochromacy



Original Color

92.9064, 0.3503, 0.3835

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.5423, 0.3268, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9064, 0.3503, 0.3835 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, 249, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 249, 194)  
}
```

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, 249, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 249, 194) }
```

Border

The CSS property to change the border of an element to Yxy 92.9064, 0.3503, 0.3835 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, 249, 194) }
```

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

```
.border{ border-color:rgb(255, 249, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 249, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 249, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 249, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 249,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9064, 0.3503, 0.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 249, 194) }
```

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

```
.background{ background-color: rgb(255,  
249, 194) }
```

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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