

Converting Colors

$Yxy(93.0357, 0.3392, 0.3746)$

Have a look what the booklet for
Yxy(93.0357, 0.3392, 0.3746)
contains.

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Color

Yxy(92.9187, 0.3392, 0.3740)

Conversions

Conversions Part 1

Format	Color
Hex	F9FACD
RGB	249, 250, 205
RGB Percent	98%, 98%, 80%
CMY	0.0235, 0.0196, 0.1961
CMYK	0.00, 0.00, 0.18, 0.02
HSL	61°, 82%, 89%
HSV	61°, 18%, 98%
XYZ	84.2728, 92.9187, 71.2542
YIQ	244.5710, 13.8490, -14.2070

Conversions

Conversions Part 2

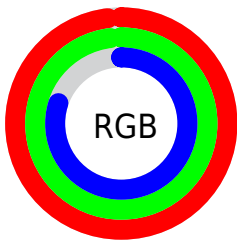
Format	Color
RYP	205, 250, 206
Decimal	16382669
CIELab	97.19, -7.56, 21.52
CIElCh	97, 22.814, 109.360
Yxy	92.9187, 0.3392, 0.3740
Android (android.graphics.Color)	4294572749 (0xFFF9FACD)
YUV	244.5710, -19.5085, 3.8842
Hunter-Lab	96.3943, -12.6364, 23.6492

Details

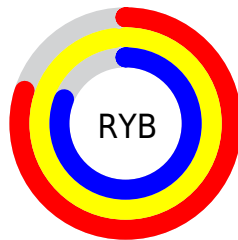
The Yxy color **92.9187, 0.3392, 0.3740** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.6918, 0.2836, 0.2799**, and the grayscale version is **91.1024, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.0244, 0.3440, 0.3839** is the 20% darker color. If you saturate the color by 10%, you get **91.7080, 0.3541, 0.3994**, and if you desaturate by 10%, it is **94.3309, 0.3243, 0.3487**.

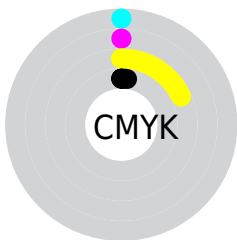
Distribution



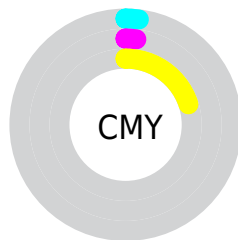
- Red (98%)
- Green (98%)
- Blue (80%)



- Red (80%)
- Yellow (98%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (18%)
- Black (2%)



- Cyan (2%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.9187, 0.3392, 0.3740 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 92.9187, 0.3392, 0.3740 by changing the saturation by 10% instead.

92.9187, 0.3392,
0.3740

92.9187, 0.3392,
0.3740

537.4802, 0.3277,
0.3538

70.4039, 0.3417,
0.3785

151.3860, 0.3353,
0.3671

51.8559, 0.3446,
0.3839

188.1074, 0.3338,
0.3644

36.8902, 0.3483,
0.3906

230.3331, 0.3324,
0.3621

25.1225, 0.3528,
0.3992

278.4475, 0.3313,
0.3600

16.1684, 0.3586,
0.4105

332.8350, 0.3302,
0.3582

9.6434, 0.3661,
0.4260


393.8801, 0.3293,


5.1631, 0.3763,


0.3566


0.4483


461.9670, 0.3284,
0.3551


 2.3433, 0.3940,
0.4878


 0.7965, 0.4182,
0.5818


 92.9187, 0.3392,
0.3740


 92.9187, 0.3392,
0.3740


 91.7080, 0.3541,
0.3994

 94.3309, 0.3243,
0.3487

 90.6772, 0.3684,
0.4241


 95.9402, 0.3099,
0.3242

 89.8206, 0.3817,
0.4470


 96.0434, 0.3102,
0.3242

 89.1274, 0.3932,
0.4672


 96.1469, 0.3106,
0.3242


 88.5855, 0.4026,
0.4838


 96.2507, 0.3109,
0.3242

 88.1814, 0.4094,
0.4961

 96.3548, 0.3113,
0.3242

 87.8988, 0.4135,
0.5040

 96.4593, 0.3116,
0.3242

 87.7158, 0.4152,
0.5078

 96.5640, 0.3120,
0.3242

 87.6848, 0.4154,
0.5084

 96.6690, 0.3123,
0.3242

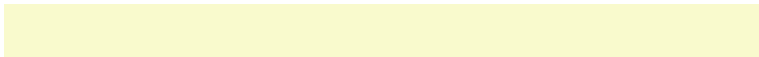
Harmonies

Analogous

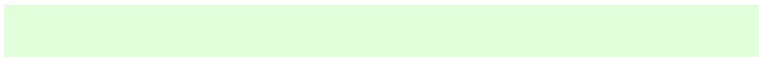
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9187, 0.3572, 0.3663



92.9187, 0.3392, 0.3740



92.9187, 0.3145, 0.3688

Triad

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



92.9187, 0.3392, 0.3740



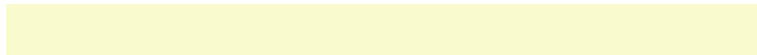
92.9187, 0.2648, 0.3057



92.9187, 0.3348, 0.3078

Complementary

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



92.9187, 0.3392, 0.3740



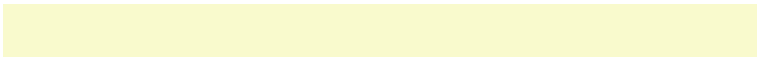
63.6918, 0.2836, 0.2799

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.



92.9187, 0.3093, 0.2931



92.9187, 0.3392, 0.3740



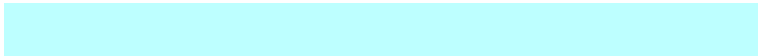
92.9187, 0.2696, 0.2911

Square

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



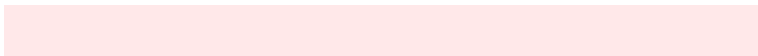
92.9187, 0.3392, 0.3740



92.9187, 0.2721, 0.3278



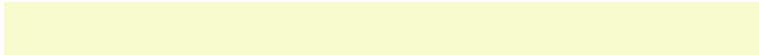
92.9187, 0.2856, 0.2869



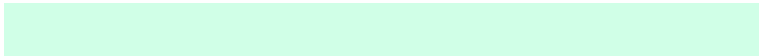
92.9187, 0.3548, 0.3280

Rectangle

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



92.9187, 0.3392, 0.3740



92.9187, 0.2978, 0.3583



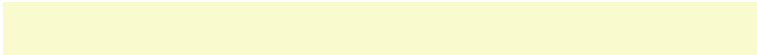
92.9187, 0.2856, 0.2869



92.9187, 0.3265, 0.3021

Sweetspot

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



92.9228, 0.3392, 0.3740



99.1520, 0.3199, 0.3413



68.7588, 0.3476, 0.3299



21.1980, 0.3210, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

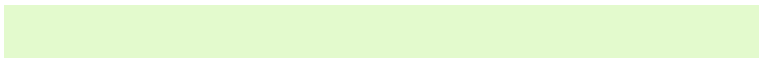
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9228, 0.3392, 0.3740



96.6624, 0.3452, 0.3843



89.0740, 0.3244, 0.3762



20.1699, 0.3265, 0.3525



46.5175, 0.4155, 0.5083



4.3144, 0.4159, 0.5079

Inverse Universe

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



63.6918, 0.2836, 0.2799



60.3210, 0.2762, 0.2674



67.1044, 0.2991, 0.2820



16.6615, 0.2982, 0.3045



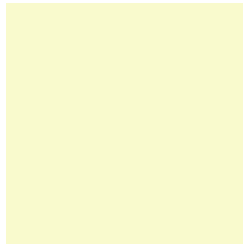
3.6883, 0.1507, 0.0604



0.3479, 0.1523, 0.0613

Previews

White Background



This preview shows how the Yxy color 92.9187, 0.3392, 0.3740 looks on a white background.

Color Contrast Check

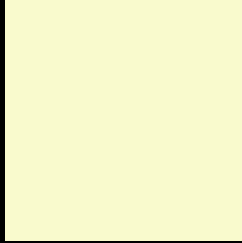
Large Text (above 18pt) WCAG AA × Fail

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 92.9187, 0.3392, 0.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

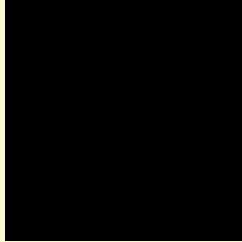
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.9187, 0.3392, 0.3740

Background



This preview shows how black text looks on a background with the Yxy color 92.9187, 0.3392, 0.3740.

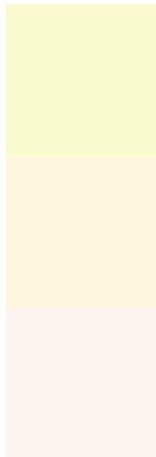


This preview shows how white text looks on a background with the Yxy color 92.9187, 0.3392, 0.3740.

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

92.9187, 0.3392, 0.3740

Protanopia

93.1092, 0.3325, 0.3526

Deuteranopia

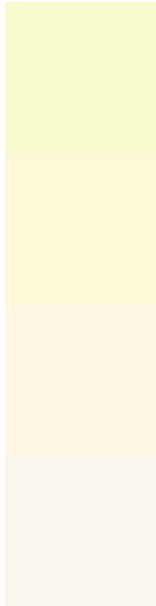
92.8561, 0.3222, 0.3339



Tritanopia

92.6168, 0.3113, 0.3184

Trichromacy



Original Color

92.9187, 0.3392, 0.3740

Protanomaly

92.9753, 0.3354, 0.3606

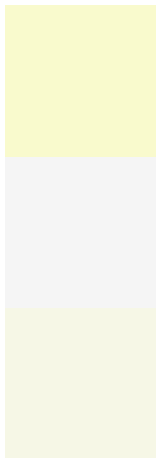
Deuteranomaly

92.9502, 0.3287, 0.3487

Tritanomaly

92.5352, 0.3214, 0.3378

Monochromacy



Original Color

92.9187, 0.3392, 0.3740

Achromatopsia

91.3099, 0.3127, 0.3290

Achromatomaly

91.8275, 0.3223, 0.3459

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9187, 0.3392, 0.3740 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(249, 250, 205)` looks like.

```
.text, #text, p{  
    color:rgb(249, 250, 205)  
}
```

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(249, 250, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 250, 205) }
```

Border

The CSS property to change the border of an element to Yxy 92.9187, 0.3392, 0.3740 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(249, 250, 205) }
```

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

```
.border{ border-color:rgb(249, 250, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 250, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 250, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 250, 205);  
box-shadow:4px 4px 4px 4px rgb(249, 250,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9187, 0.3392, 0.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 250, 205) }
```

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

```
.background{ background-color: rgb(249,  
250, 205) }
```

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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