

Converting Colors

$Yxy(92.6514, 0.3399, 0.3999)$

Have a look what the booklet for
Yxy(92.6514, 0.3399, 0.3999)
contains.

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Color

Yxy(92.7273, 0.3403, 0.4000)

Conversions

Conversions Part 1

Format	Color
Hex	EBFFBA
RGB	235, 255, 186
RGB Percent	92%, 100%, 73%
CMY	0.0784, 0.0000, 0.2705
CMYK	0.08, 0.00, 0.27, 0.00
HSL	77°, 100%, 86%
HSV	77°, 27%, 100%
XYZ	78.8878, 92.7273, 60.2032
YIQ	241.1540, 10.2290, -25.6990

Conversions

Conversions Part 2

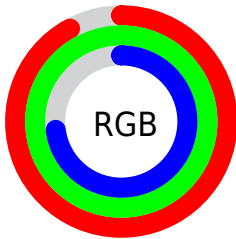
Format	Color
RYB	186, 255, 206
Decimal	15466426
CIELab	97.12, -17.69, 30.88
CIELCh	97, 35.582, 119.804
Yxy	92.7273, 0.3403, 0.4000
Android (android.graphics.Color)	4293656506 (0xFFEBFFBA)
YUV	241.1540, -27.1909, -5.3971
Hunter-Lab	96.2950, -22.2837, 30.3387

Details

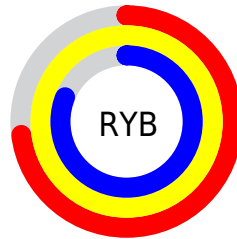
The Yxy color **92.7273, 0.3403, 0.4000** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.4680, 0.2793, 0.2537**, and the grayscale version is **88.3064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **51.6378, 0.3460, 0.4160** is the 20% darker color. If you saturate the color by 10%, you get **90.5085, 0.3498, 0.4277**, and if you desaturate by 10%, it is **95.1973, 0.3302, 0.3727**.

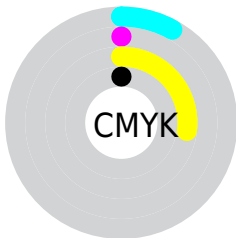
Distribution



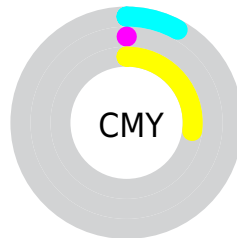
- Red (92%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (81%)



- Cyan (8%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)




- Cyan (8%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.7273, 0.3403, 0.4000 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 92.7273, 0.3403, 0.4000 by changing the saturation by 10% instead.

 92.7273, 0.3403,
0.4000

 92.7273, 0.3403,
0.4000

536.8633, 0.3287,
0.3677

 70.2449, 0.3426,
0.4072


 151.1210, 0.3365,
0.3889

 51.7262, 0.3454,
0.4160


187.8011, 0.3350,
0.3846

 36.7869, 0.3486,
0.4269


229.9825, 0.3336,
0.3808

 25.0425, 0.3524,
0.4409

278.0496, 0.3324,
0.3775

 16.1087, 0.3569,
0.4593

332.3869, 0.3314,
0.3746

 9.6011, 0.3618,
0.4845

393.3786, 0.3304,

 5.1353, 0.3664,

0.3721

0.5204

461.4093, 0.3295,
0.3698

■ 2.3269, 0.3899,
0.6101

■ 0.7879, 0.2870,
0.7130

■ 92.7273, 0.3403,
0.4000

■ 92.7273, 0.3403,
0.4000

■ 90.5085, 0.3498,
0.4277

■ 95.1973, 0.3302,
0.3727

■ 88.5218, 0.3583,
0.4549

■ 97.9205, 0.3199,
0.3465

■ 86.7581, 0.3652,
0.4804

100.0000, 0.3127,
0.3290

■ 85.2043, 0.3699,
0.5030

■ 83.8455, 0.3722,
0.5215

■ 82.6644, 0.3718,
0.5351

■ 81.6391, 0.3691,
0.5439

■ 81.3570, 0.3680,
0.5460

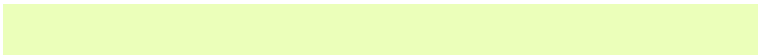
Harmonies

Analogous

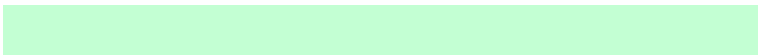
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.7273, 0.3736, 0.3927



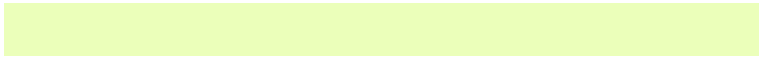
92.7273, 0.3403, 0.4000



92.7273, 0.3010, 0.3850

Triad

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



92.7273, 0.3403, 0.4000



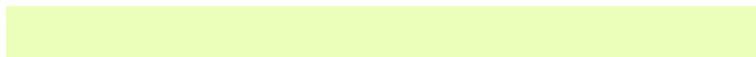
92.7273, 0.2401, 0.2826



92.7273, 0.3596, 0.3063

Complementary

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



92.7273, 0.3403, 0.4000



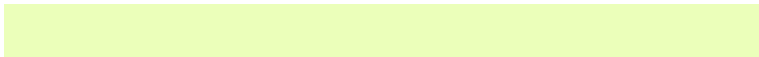
55.4680, 0.2793, 0.2537

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.



92.7273, 0.3209, 0.2810



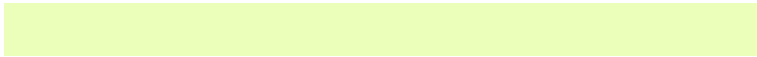
92.7273, 0.3403, 0.4000



92.7273, 0.2533, 0.2667

Square

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



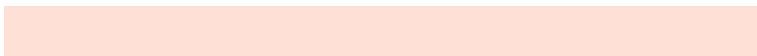
92.7273, 0.3403, 0.4000



92.7273, 0.2446, 0.3131



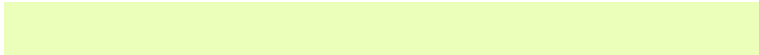
92.7273, 0.2821, 0.2667



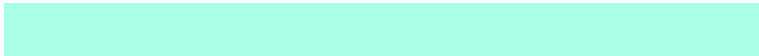
92.7273, 0.3859, 0.3377

Rectangle

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



92.7273, 0.3403, 0.4000



92.7273, 0.2767, 0.3641



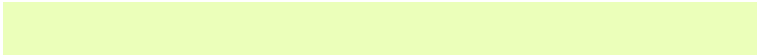
92.7273, 0.2821, 0.2667



92.7273, 0.3475, 0.2969

Sweetspot

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



92.7300, 0.3403, 0.4000



97.6511, 0.3209, 0.3489



68.7382, 0.3663, 0.3494



20.8109, 0.3224, 0.3528



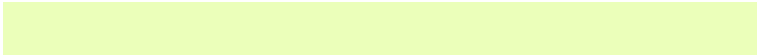
0.0000, 0.0000, 0.0000



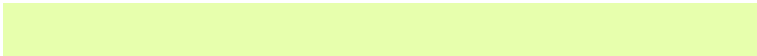
21.4041, 0.3127, 0.3290

Same Dimension

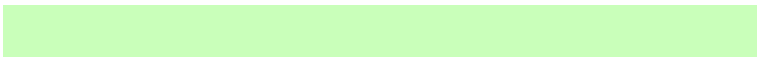
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.7300, 0.3403, 0.4000



91.6007, 0.3451, 0.4137



87.4784, 0.3182, 0.4052



20.8109, 0.3224, 0.3528



42.5909, 0.3689, 0.5453



4.2029, 0.3748, 0.5406

Inverse Universe

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



55.4680, 0.2793, 0.2537



49.1372, 0.2719, 0.2381



60.8799, 0.3045, 0.2590



17.6327, 0.3024, 0.3047



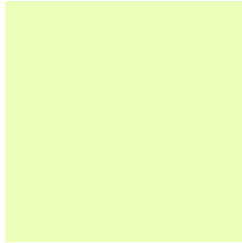
4.5967, 0.1687, 0.0703



0.5005, 0.1803, 0.0767

Previews

White Background



This preview shows how the Yxy color 92.7273, 0.3403, 0.4000 looks on a white background.

Color Contrast Check

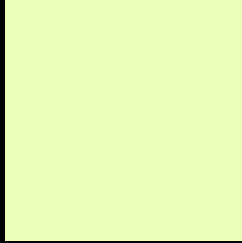
Large Text (above 18pt) WCAG AA × Fail

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 92.7273, 0.3403, 0.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

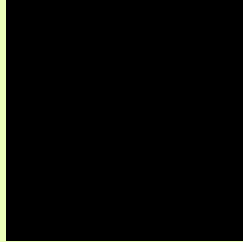
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

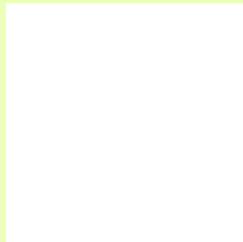
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.7273, 0.3403, 0.4000

Background



This preview shows how black text looks on a background with the Yxy color 92.7273, 0.3403, 0.4000.

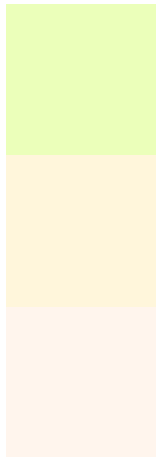


This preview shows how white text looks on a background with the Yxy color 92.7273, 0.3403, 0.4000.

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

92.7273, 0.3403, 0.4000

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

92.6792, 0.3241, 0.3368

Tritanopia

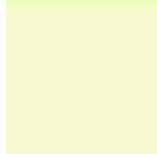
92.7244, 0.3074, 0.3202

Trichromacy



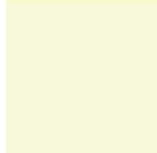
Original Color

92.7273, 0.3403, 0.4000



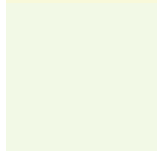
Protanomaly

92.2128, 0.3375, 0.3711



Deuteranomaly

92.7698, 0.3307, 0.3599



Tritanomaly

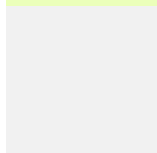
92.3418, 0.3195, 0.3480

Monochromacy



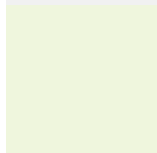
Original Color

92.7273, 0.3403, 0.4000



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.4827, 0.3232, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.7273, 0.3403, 0.4000 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(235, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(235, 255, 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(235, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 255, 186) }
```

Border

The CSS property to change the border of an element to Yxy 92.7273, 0.3403, 0.4000 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(235, 255, 186) }
```

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

```
.border{ border-color:rgb(235, 255, 186) }
```

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

Here you see how a box with a 4 pixel rgb(235, 255, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(235, 255,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 92.7273, 0.3403, 0.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 255, 186) }
```

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

```
.background{ background-color: rgb(235,  
255, 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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