

Converting Colors

$Y_{xy}(92.2775, 0.3376, 0.3992)$

Have a look what the booklet for
Yxy(92.2775, 0.3376, 0.3992)
contains.

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Color

Yxy(92.2637, 0.3377, 0.3994)

Conversions

Conversions Part 1

Format	Color
Hex	E8FFBB
RGB	232, 255, 187
RGB Percent	91%, 100%, 73%
CMY	0.0902, 0.0000, 0.2665
CMYK	0.09, 0.00, 0.27, 0.00
HSL	80°, 100%, 87%
HSV	80°, 27%, 100%
XYZ	78.0106, 92.2637, 60.7314
YIQ	240.3710, 8.1200, -26.0240

Conversions

Conversions Part 2

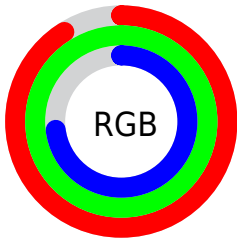
Format	Color
RYB	187, 255, 210
Decimal	15269819
CIELab	96.93, -18.62, 30.07
CIELCh	97, 35.369, 121.764
Yxy	92.2637, 0.3377, 0.3994
Android (android.graphics.Color)	4293459899 (0xFFE8FFBB)
YUV	240.3710, -26.3119, -7.3414
Hunter-Lab	96.0540, -23.1250, 29.7509

Details

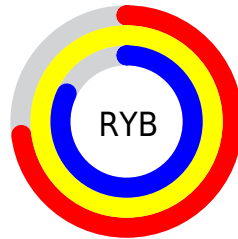
The Yxy color **92.2637, 0.3377, 0.3994** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.4851, 0.2823, 0.2554**, and the grayscale version is **87.6508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **51.3117, 0.3428, 0.4155** is the 20% darker color. If you saturate the color by 10%, you get **89.8584, 0.3464, 0.4277**, and if you desaturate by 10%, it is **94.9361, 0.3284, 0.3718**.

Distribution



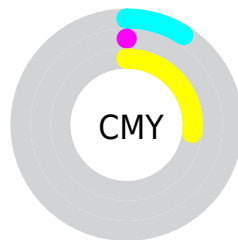
- Red (91%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (82%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (9%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.2637, 0.3377, 0.3994 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 92.2637, 0.3377, 0.3994 by changing the saturation by 10% instead.


 92.2637, 0.3377,
0.3994

 92.2637, 0.3377,
0.3994

535.3674, 0.3273,
0.3673

 69.8597, 0.3398,
0.4066


 150.4788, 0.3343,
0.3884

 51.4121, 0.3422,
0.4153

187.0587, 0.3329,
0.3841

 36.5367, 0.3451,
0.4263


229.1327, 0.3317,
0.3803

 24.8490, 0.3485,
0.4403

277.0851, 0.3306,
0.3771

 15.9646, 0.3524,
0.4589

331.3004, 0.3297,
0.3742

 9.4991, 0.3566,
0.4844

392.1629, 0.3288,

 5.0681, 0.3603,

0.3716

0.5210

460.0571, 0.3280,
0.3693

■ 2.2873, 0.3840,
0.6160

■ 0.7670, 0.2635,
0.7365

■ 92.2637, 0.3377,
0.3994

■ 92.2637, 0.3377,
0.3994

■ 89.8584, 0.3464,
0.4277

■ 94.9361, 0.3284,
0.3718

■ 87.7056, 0.3540,
0.4556

■ 97.8827, 0.3190,
0.3455

■ 85.7942, 0.3601,
0.4821

100.0000, 0.3127,
0.3290

■ 84.1107, 0.3641,
0.5058

■ 82.6399, 0.3657,
0.5254

■ 81.3643, 0.3647,
0.5402

■ 80.2618, 0.3613,
0.5499

■ 79.9207, 0.3599,
0.5525

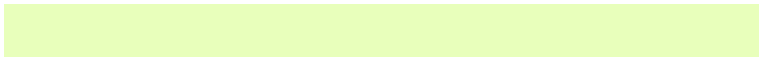
Harmonies

Analogous

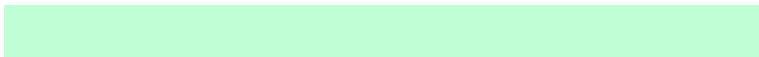
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2637, 0.3715, 0.3935



92.2637, 0.3377, 0.3994



92.2637, 0.2985, 0.3830

Triad

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



92.2637, 0.3377, 0.3994



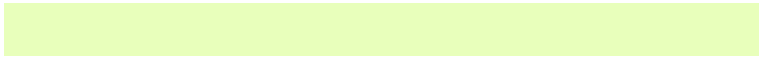
92.2637, 0.2407, 0.2813



92.2637, 0.3616, 0.3083

Complementary

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



92.2637, 0.3377, 0.3994



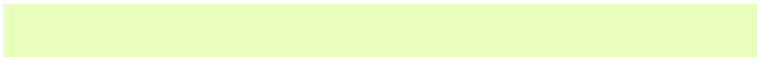
56.4851, 0.2823, 0.2554

Split Complementary

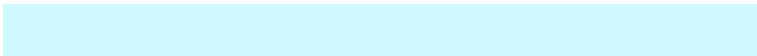
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2637, 0.3235, 0.2825



92.2637, 0.3377, 0.3994



92.2637, 0.2550, 0.2665

Square

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



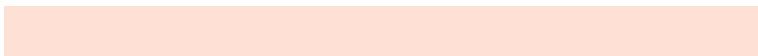
92.2637, 0.3377, 0.3994



92.2637, 0.2440, 0.3108



92.2637, 0.2845, 0.2674



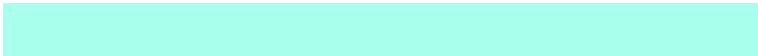
92.2637, 0.3866, 0.3398

Rectangle

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



92.2637, 0.3377, 0.3994



92.2637, 0.2747, 0.3616



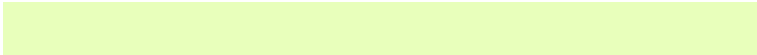
92.2637, 0.2845, 0.2674



92.2637, 0.3498, 0.2988

Sweetspot

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



92.2648, 0.3377, 0.3994



97.4689, 0.3202, 0.3490



70.7911, 0.3644, 0.3525



20.7648, 0.3217, 0.3529



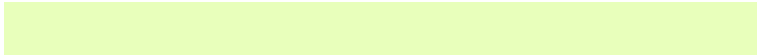
0.0000, 0.0000, 0.0000



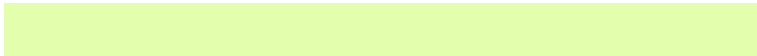
21.4041, 0.3127, 0.3290

Same Dimension

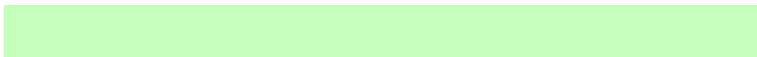
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2648, 0.3377, 0.3994



90.9455, 0.3425, 0.4145



87.1651, 0.3160, 0.4044



20.7648, 0.3217, 0.3529



41.8458, 0.3608, 0.5517



4.1345, 0.3675, 0.5464

Inverse Universe

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



56.4851, 0.2823, 0.2554



49.6810, 0.2748, 0.2388



61.9519, 0.3072, 0.2606



17.6765, 0.3032, 0.3048



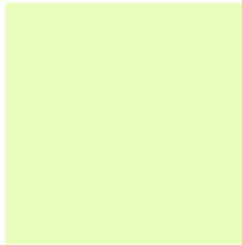
4.8873, 0.1750, 0.0738



0.5331, 0.1872, 0.0805

Previews

White Background



This preview shows how the Yxy color 92.2637, 0.3377, 0.3994 looks on a white background.

Color Contrast Check

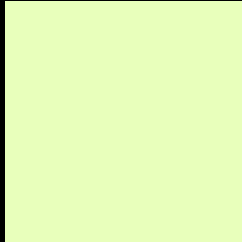
Large Text (above 18pt) WCAG AA × Fail

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 92.2637, 0.3377, 0.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

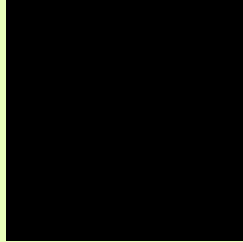
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

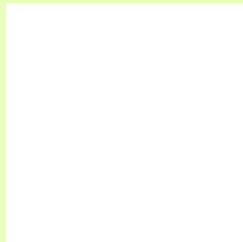
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2637, 0.3377, 0.3994

Background



This preview shows how black text looks on a background with the Yxy color 92.2637, 0.3377, 0.3994.

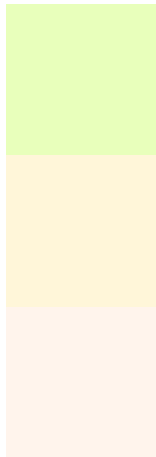


This preview shows how white text looks on a background with the Yxy color 92.2637, 0.3377, 0.3994.

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

92.2637, 0.3377, 0.3994

Protanopia

92.1813, 0.3364, 0.3576

Deuteranopia

92.0175, 0.3248, 0.3368



Tritanopia

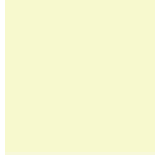
91.7579, 0.3062, 0.3192

Trichromacy



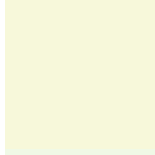
Original Color

92.2637, 0.3377, 0.3994



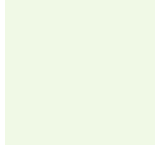
Protanomaly

91.9818, 0.3374, 0.3722



Deuteranomaly

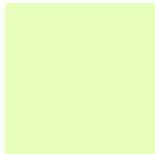
91.9709, 0.3302, 0.3590



Tritanomaly

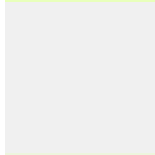
91.9898, 0.3182, 0.3481

Monochromacy



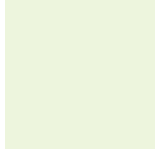
Original Color

92.2637, 0.3377, 0.3994



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5298, 0.3220, 0.3535

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2637, 0.3377, 0.3994 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(232, 255, 187)` looks like.

```
.text, #text, p{  
    color:rgb(232, 255, 187)  
}
```

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(232, 255, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 255, 187) }
```

Border

The CSS property to change the border of an element to Yxy 92.2637, 0.3377, 0.3994 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(232, 255, 187) }
```

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

```
.border{ border-color:rgb(232, 255, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 255, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 255, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 255, 187);  
box-shadow:4px 4px 4px 4px rgb(232, 255,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2637, 0.3377, 0.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 255, 187) }
```

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

```
.background{ background-color: rgb(232,  
255, 187) }
```

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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