

Converting Colors

$Y_{xy}(100.0000, 0.3329, 0.4010)$

Have a look what the booklet for
Yxy(100.0000, 0.3329, 0.4010)
contains.

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Color

Yxy(92.9526, 0.3344, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	EAFFC3
RGB	234, 255, 195
RGB Percent	92%, 100%, 76%
CMY	0.0824, 0.0000, 0.2354
CMYK	0.08, 0.00, 0.24, 0.00
HSL	81°, 100%, 88%
HSV	81°, 24%, 100%
XYZ	79.5377, 92.9526, 65.3618
YIQ	241.8810, 6.7440, -23.1120

Conversions

Conversions Part 2

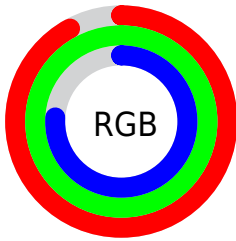
Format	Color
RYB	195, 255, 216
Decimal	15400899
CIELab	97.21, -16.79, 26.47
CIELCh	97, 31.350, 122.389
Yxy	92.9526, 0.3344, 0.3908
Android (android.graphics.Color)	4293590979 (0xFFEAFFC3)
YUV	241.8810, -23.1123, -6.9116
Hunter-Lab	96.4119, -21.4623, 27.2931

Details

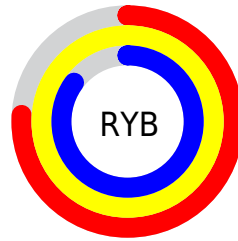
The Yxy color **92.9526, 0.3344, 0.3908** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.8336, 0.2869, 0.2650**, and the grayscale version is **88.8716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **51.7762, 0.3386, 0.4044** is the 20% darker color. If you saturate the color by 10%, you get **90.4213, 0.3431, 0.4190**, and if you desaturate by 10%, it is **95.7524, 0.3252, 0.3635**.

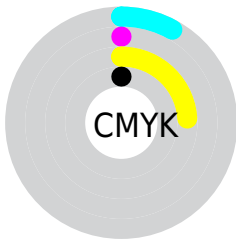
Distribution



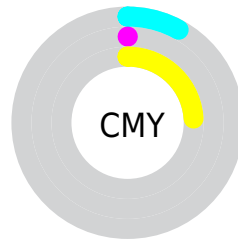
- Red (92%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (85%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (8%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.9526, 0.3344, 0.3908 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 92.9526, 0.3344, 0.3908 by changing the saturation by 10% instead.


 92.9526, 0.3344,
0.3908

 92.9526, 0.3344,
0.3908

537.5895, 0.3253,
0.3627

 70.4321, 0.3363,
0.3971

151.4330, 0.3314,
0.3812

 51.8789, 0.3384,
0.4047

188.1617, 0.3302,
0.3774

 36.9085, 0.3410,
0.4143


230.3952, 0.3291,
0.3741

 25.1367, 0.3441,
0.4266

278.5180, 0.3282,
0.3713

 16.1789, 0.3478,
0.4429

332.9144, 0.3274,
0.3687

 9.6509, 0.3521,
0.4654

393.9689, 0.3266,

 5.1681, 0.3566,

0.3665

0.4981

462.0658, 0.3259,
0.3645

■ 2.3462, 0.3738,
0.5718

■ 0.7980, 0.3040,
0.6960

■ 92.9526, 0.3344,
0.3908

■ 92.9526, 0.3344,
0.3908

■ 90.4213, 0.3431,
0.4190

■ 95.7524, 0.3252,
0.3635

■ 88.1542, 0.3509,
0.4474

■ 98.8379, 0.3160,
0.3377

■ 86.1369, 0.3573,
0.4746

100.0000, 0.3127,
0.3290

■ 84.3565, 0.3618,
0.4995

■ 82.7980, 0.3640,
0.5208

■ 81.4448, 0.3636,
0.5374

■ 80.2764, 0.3608,
0.5488

■ 79.6017, 0.3580,
0.5540

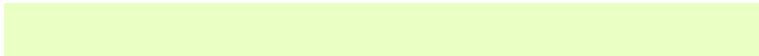
Harmonies

Analogous

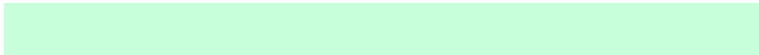
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9526, 0.3644, 0.3865



92.9526, 0.3344, 0.3908



92.9526, 0.2996, 0.3759

Triad

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



92.9526, 0.3344, 0.3908



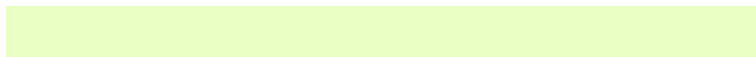
92.9526, 0.2487, 0.2864



92.9526, 0.3566, 0.3113

Complementary

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



92.9526, 0.3344, 0.3908



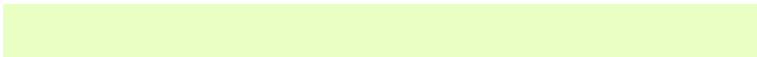
60.8336, 0.2869, 0.2650

Split Complementary

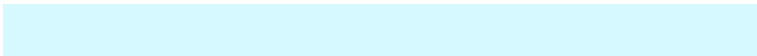
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.9526, 0.3231, 0.2880



92.9526, 0.3344, 0.3908



92.9526, 0.2618, 0.2732

Square

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



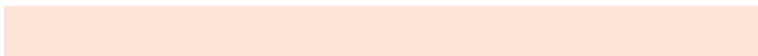
92.9526, 0.3344, 0.3908



92.9526, 0.2514, 0.3126



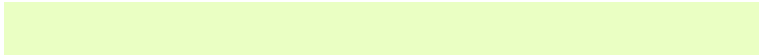
92.9526, 0.2885, 0.2742



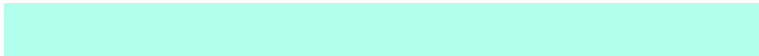
92.9526, 0.3782, 0.3396

Rectangle

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



92.9526, 0.3344, 0.3908



92.9526, 0.2785, 0.3570



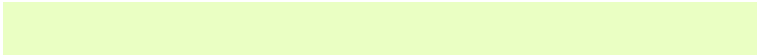
92.9526, 0.2885, 0.2742



92.9526, 0.3462, 0.3027

Sweetspot

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



92.9503, 0.3344, 0.3908



97.7377, 0.3192, 0.3464



73.7905, 0.3572, 0.3496



20.8796, 0.3197, 0.3480



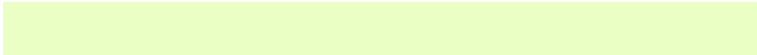
0.0000, 0.0000, 0.0000



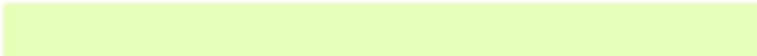
21.4041, 0.3127, 0.3290

Same Dimension

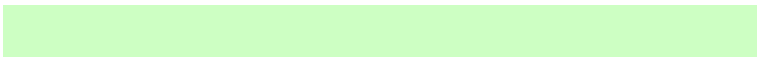
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9503, 0.3344, 0.3908



91.7893, 0.3384, 0.4033



88.4348, 0.3157, 0.3945



20.7541, 0.3215, 0.3529



41.6800, 0.3589, 0.5532



4.1192, 0.3659, 0.5477

Inverse Universe

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



60.8336, 0.2869, 0.2650



54.8300, 0.2810, 0.2514



65.6496, 0.3080, 0.2689



17.6868, 0.3034, 0.3048



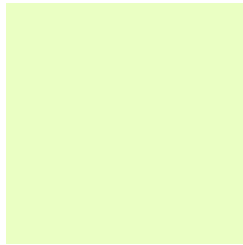
4.9633, 0.1766, 0.0747



0.5414, 0.1889, 0.0814

Previews

White Background



This preview shows how the Yxy color 92.9526, 0.3344, 0.3908 looks on a white background.

Color Contrast Check

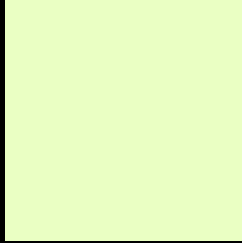
Large Text (above 18pt) WCAG AA × Fail

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 92.9526, 0.3344, 0.3908 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

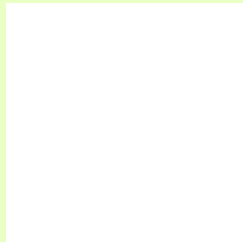
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.9526, 0.3344, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 92.9526, 0.3344, 0.3908.

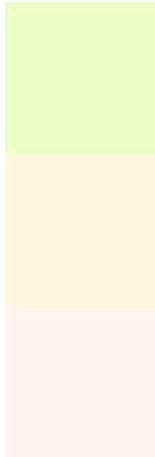


This preview shows how white text looks on a background with the Yxy color 92.9526, 0.3344, 0.3908.

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

92.9526, 0.3344, 0.3908

Protanopia

92.3920, 0.3339, 0.3536

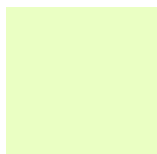
Deuteranopia

92.7379, 0.3235, 0.3358

Tritanopia

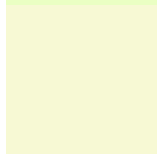
92.7244, 0.3074, 0.3202

Trichromacy



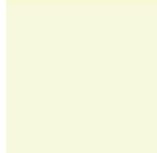
Original Color

92.9526, 0.3344, 0.3908



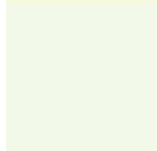
Protanomaly

92.2790, 0.3337, 0.3661



Deuteranomaly

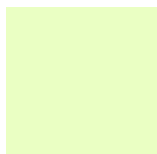
92.7994, 0.3276, 0.3559



Tritanomaly

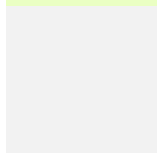
92.5118, 0.3177, 0.3450

Monochromacy



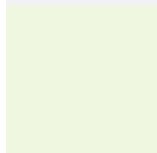
Original Color

92.9526, 0.3344, 0.3908



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.3085, 0.3207, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9526, 0.3344, 0.3908 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(234, 255, 195)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 195)  
}
```

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(234, 255, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 195) }
```

Border

The CSS property to change the border of an element to Yxy 92.9526, 0.3344, 0.3908 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(234, 255, 195) }
```

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

```
.border{ border-color:rgb(234, 255, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 195);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9526, 0.3344, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 195) }
```

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

```
.background{ background-color: rgb(234,  
255, 195) }
```

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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