

Converting Colors

$Yxy(92.0051, 0.3274, 0.3871)$

Have a look what the booklet for
Yxy(92.0051, 0.3274, 0.3871)
contains.

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Color

Yxy(91.9744, 0.3275, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	E3FFC7
RGB	227, 255, 199
RGB Percent	89%, 100%, 78%
CMY	0.1097, 0.0000, 0.2196
CMYK	0.11, 0.00, 0.22, 0.00
HSL	90°, 100%, 89%
HSV	90°, 22%, 100%
XYZ	77.7533, 91.9744, 67.6869
YIQ	240.2440, 1.2880, -23.3520

Conversions

Conversions Part 2

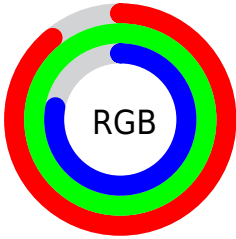
Format	Color
RYB	199, 255, 227
Decimal	14942151
CIELab	96.81, -18.63, 23.81
CIELCh	97, 30.228, 128.036
Yxy	91.9744, 0.3275, 0.3874
Android (android.graphics.Color)	4293132231 (0xFFE3FFC7)
YUV	240.2440, -20.3333, -11.6150
Hunter-Lab	95.9033, -23.1125, 25.2864

Details

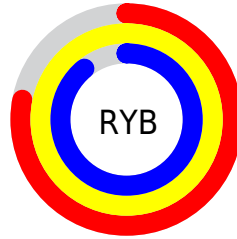
The Yxy color **91.9744, 0.3275, 0.3874** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.3939, 0.2949, 0.2707**, and the grayscale version is **87.5058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.0904, 0.3299, 0.4003** is the 20% darker color. If you saturate the color by 10%, you get **88.8958, 0.3337, 0.4168**, and if you desaturate by 10%, it is **95.4127, 0.3208, 0.3596**.

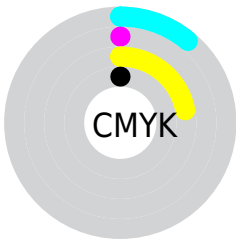
Distribution



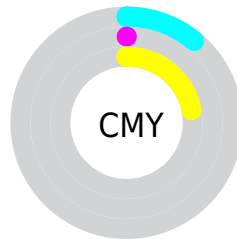
- Red (89%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (11%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9744, 0.3275, 0.3874 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 91.9744, 0.3275, 0.3874 by changing the saturation by 10% instead.


 91.9744, 0.3275,
0.3874

 91.9744, 0.3275,
0.3874

534.4328, 0.3214,
0.3607

 69.6194, 0.3287,
0.3934

150.0779, 0.3255,
0.3782

 51.2163, 0.3301,
0.4007


186.5952, 0.3247,
0.3746

 36.3808, 0.3318,
0.4100


228.6020, 0.3240,
0.3715

 24.7284, 0.3337,
0.4219

276.4827, 0.3234,
0.3688

 15.8748, 0.3360,
0.4377

330.6218, 0.3228,
0.3664

 9.4356, 0.3384,
0.4599

391.4035, 0.3223,

 5.0264, 0.3404,

0.3643

0.4928

459.2124, 0.3218,
0.3624

■ 2.2628, 0.3492,
0.5611

■ 0.7539, 0.2578,
0.7422

■ 91.9744, 0.3275,
0.3874

■ 91.9744, 0.3275,
0.3874

■ 88.8958, 0.3337,
0.4168

■ 95.4127, 0.3208,
0.3596

■ 86.1517, 0.3391,
0.4471

■ 99.2112, 0.3140,
0.3338

■ 83.7321, 0.3432,
0.4770

■ 99.9996, 0.3127,
0.3290

■ 81.6215, 0.3456,
0.5051

■ 79.8032, 0.3459,
0.5299

■ 78.2579, 0.3439,
0.5499

■ 76.9634, 0.3398,
0.5642

■ 76.0794, 0.3353,
0.5719

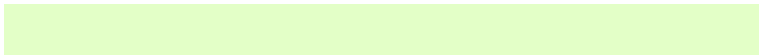
Harmonies

Analogous

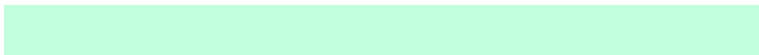
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9744, 0.3581, 0.3868



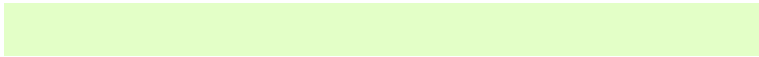
91.9744, 0.3275, 0.3874



91.9744, 0.2940, 0.3697

Triad

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



91.9744, 0.3275, 0.3874



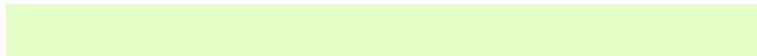
91.9744, 0.2519, 0.2844



91.9744, 0.3602, 0.3168

Complementary

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



91.9744, 0.3275, 0.3874



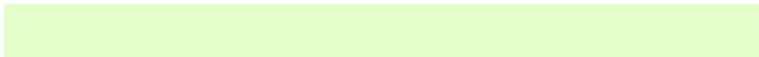
64.3939, 0.2949, 0.2707

Split Complementary

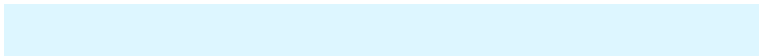
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9744, 0.3293, 0.2929



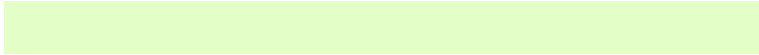
91.9744, 0.3275, 0.3874



91.9744, 0.2674, 0.2741

Square

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



91.9744, 0.3275, 0.3874



91.9744, 0.2516, 0.3077



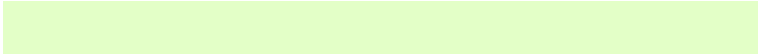
91.9744, 0.2952, 0.2775



91.9744, 0.3780, 0.3446

Rectangle

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



91.9744, 0.3275, 0.3874



91.9744, 0.2746, 0.3502



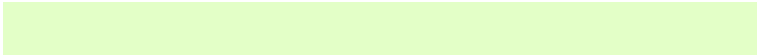
91.9744, 0.2952, 0.2775



91.9744, 0.3509, 0.3081

Sweetspot

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



91.9784, 0.3275, 0.3874



97.2511, 0.3175, 0.3465



79.8125, 0.3518, 0.3565



20.7668, 0.3179, 0.3481



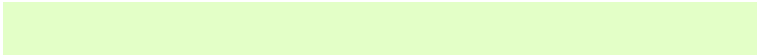
0.0000, 0.0000, 0.0000



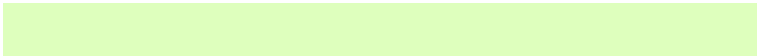
21.4041, 0.3127, 0.3290

Same Dimension

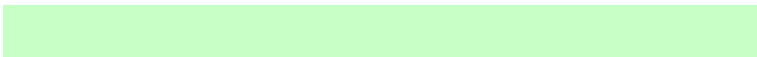
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.9784, 0.3275, 0.3874



90.6920, 0.3301, 0.3991



87.9135, 0.3104, 0.3905



20.6147, 0.3192, 0.3530



39.8421, 0.3365, 0.5710



3.9442, 0.3450, 0.5642

Inverse Universe

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



64.3939, 0.2949, 0.2707



58.9872, 0.2909, 0.2590



69.1506, 0.3146, 0.2741



17.8235, 0.3057, 0.3050



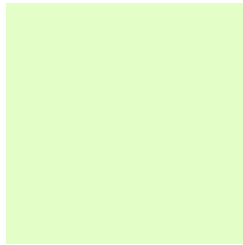
6.2342, 0.2020, 0.0886



0.6719, 0.2142, 0.0954

Previews

White Background



This preview shows how the Yxy color 91.9744, 0.3275, 0.3874 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 91.9744, 0.3275, 0.3874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

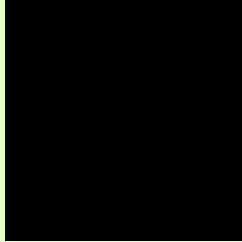
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

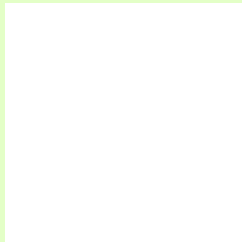
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9744, 0.3275, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 91.9744, 0.3275, 0.3874.

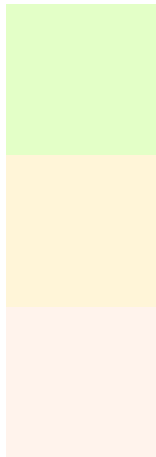


This preview shows how white text looks on a background with the Yxy color 91.9744, 0.3275, 0.3874.

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

91.9744, 0.3275, 0.3874

Protanopia

91.5227, 0.3372, 0.3577

Deuteranopia

91.4173, 0.3249, 0.3359

Tritanopia

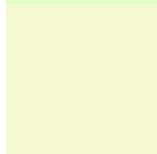
92.0088, 0.3049, 0.3202

Trichromacy



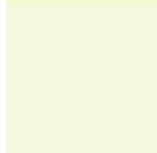
Original Color

91.9744, 0.3275, 0.3874



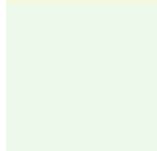
Protanomaly

91.8170, 0.3336, 0.3683



Deuteranomaly

91.2617, 0.3259, 0.3531



Tritanomaly

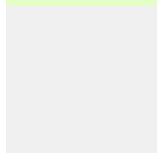
91.7540, 0.3133, 0.3431

Monochromacy



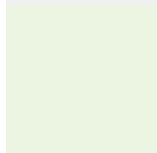
Original Color

91.9744, 0.3275, 0.3874



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.4032, 0.3182, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9744, 0.3275, 0.3874 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(227, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(227, 255, 199)  
}
```

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(227, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 255, 199) }
```

Border

The CSS property to change the border of an element to Yxy 91.9744, 0.3275, 0.3874 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(227, 255, 199) }
```

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

```
.border{ border-color:rgb(227, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(227, 255,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9744, 0.3275, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 255, 199) }
```

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

```
.background{ background-color: rgb(227,  
255, 199) }
```

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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