

Converting Colors

Yxy(172.1956, 0.3167, 0.4609)

Have a look what the booklet for
Yxy(172.1956, 0.3167, 0.4609)
contains.

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Color

Yxy(92.2782, 0.3264, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	E4FFCA
RGB	228, 255, 202
RGB Percent	89%, 100%, 79%
CMY	0.1059, 0.0000, 0.2079
CMYK	0.11, 0.00, 0.21, 0.00
HSL	91°, 100%, 90%
HSV	91°, 21%, 100%
XYZ	78.4160, 92.2782, 69.5510
YIQ	240.8850, 0.9210, -22.2070

Conversions

Conversions Part 2

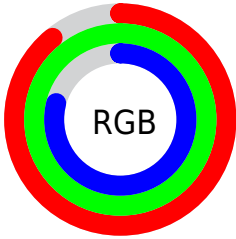
Format	Color
RYB	202, 255, 229
Decimal	15007690
CIELab	96.93, -17.84, 22.47
CIELCh	97, 28.688, 128.441
Yxy	92.2782, 0.3264, 0.3841
Android (android.graphics.Color)	4293197770 (0xFFE4FFCA)
YUV	240.8850, -19.1703, -11.3001
Hunter-Lab	96.0615, -22.3963, 24.3156

Details

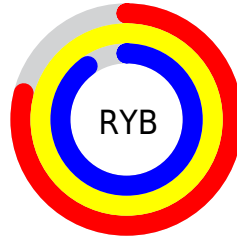
The Yxy color **92.2782, 0.3264, 0.3841** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **66.1147, 0.2964, 0.2741**, and the grayscale version is **88.0212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2969, 0.3285, 0.3960** is the 20% darker color. If you saturate the color by 10%, you get **89.1243, 0.3325, 0.4135**, and if you desaturate by 10%, it is **95.7928, 0.3199, 0.3564**.

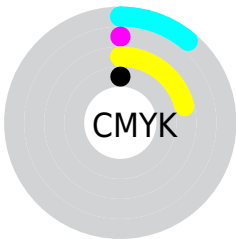
Distribution



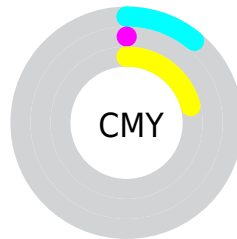
- Red (89%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)




- Cyan (11%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.2782, 0.3264, 0.3841 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 92.2782, 0.3264, 0.3841 by changing the saturation by 10% instead.


 92.2782, 0.3264,
0.3841

 92.2782, 0.3264,
0.3841

535.4142, 0.3207,
0.3590

 69.8717, 0.3275,
0.3897

150.4989, 0.3246,
0.3755

 51.4220, 0.3289,
0.3967


187.0819, 0.3238,
0.3721

 36.5445, 0.3304,
0.4053

229.1593, 0.3232,
0.3692

 24.8550, 0.3322,
0.4165

277.1153, 0.3226,
0.3666

 15.9691, 0.3344,
0.4314

331.3344, 0.3220,
0.3643

 9.5023, 0.3368,
0.4523

392.2010, 0.3216,

 5.0702, 0.3389,

0.3624

0.4833

460.0995, 0.3211,
0.3606

■ 2.2885, 0.3451,
0.5432

■ 0.7676, 0.2771,
0.7229

■ 92.2782, 0.3264,
0.3841

■ 92.2782, 0.3264,
0.3841

■ 89.1243, 0.3325,
0.4135

■ 95.7928, 0.3199,
0.3564


■ 86.3154, 0.3378,
0.4438


■ 99.6783, 0.3132,
0.3309


■ 83.8382, 0.3420,
0.4740

■ 100.0000, 0.3127,
0.3290

■ 81.6772, 0.3444,
0.5025

 79.8155, 0.3449,
0.5280

 78.2341, 0.3430,
0.5487

 76.9108, 0.3391,
0.5638

 75.8902, 0.3340,
0.5730

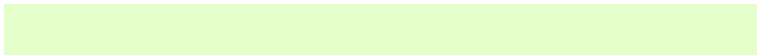
Harmonies

Analogous

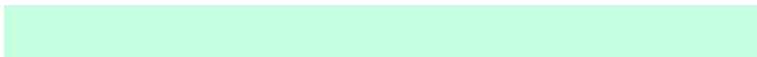
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.2782, 0.3555, 0.3839



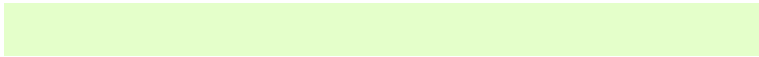
92.2782, 0.3264, 0.3841



92.2782, 0.2946, 0.3671

Triad

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



92.2782, 0.3264, 0.3841



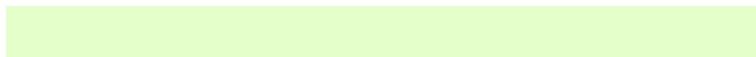
92.2782, 0.2550, 0.2865



92.2782, 0.3581, 0.3178

Complementary

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



92.2782, 0.3264, 0.3841



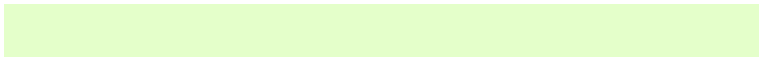
66.1147, 0.2964, 0.2741

Split Complementary

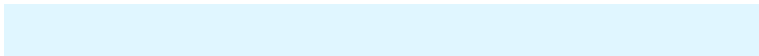
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.2782, 0.3290, 0.2949



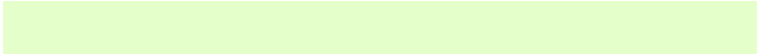
92.2782, 0.3264, 0.3841



92.2782, 0.2700, 0.2768

Square

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



92.2782, 0.3264, 0.3841



92.2782, 0.2545, 0.3085



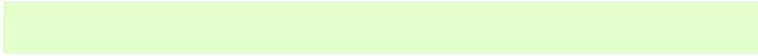
92.2782, 0.2966, 0.2801



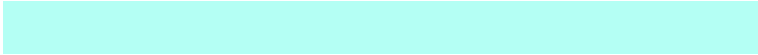
92.2782, 0.3747, 0.3443

Rectangle

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



92.2782, 0.3264, 0.3841



92.2782, 0.2762, 0.3487



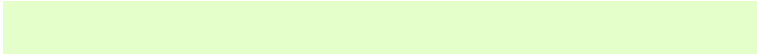
92.2782, 0.2966, 0.2801



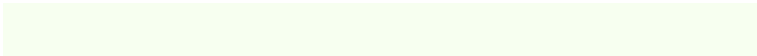
92.2782, 0.3493, 0.3095

Sweetspot

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



92.2790, 0.3264, 0.3841



97.6055, 0.3167, 0.3439



81.2849, 0.3493, 0.3559



20.8376, 0.3171, 0.3456



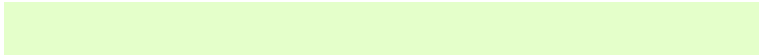
0.0000, 0.0000, 0.0000



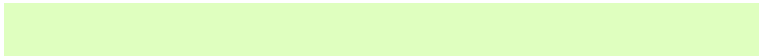
21.4041, 0.3127, 0.3290

Same Dimension

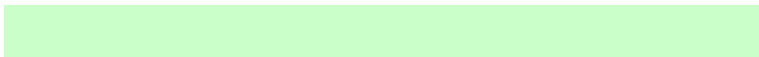
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.2790, 0.3264, 0.3841



90.9067, 0.3290, 0.3963



88.3398, 0.3100, 0.3869



20.6057, 0.3190, 0.3530



39.7426, 0.3352, 0.5721



3.9344, 0.3438, 0.5652

Inverse Universe

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



66.1147, 0.2964, 0.2741



60.3927, 0.2924, 0.2620



70.7186, 0.3151, 0.2772



17.8324, 0.3059, 0.3050



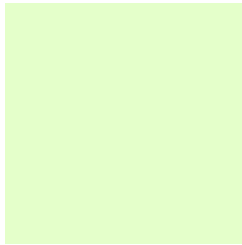
6.3359, 0.2039, 0.0897



0.6819, 0.2161, 0.0964

Previews

White Background



This preview shows how the Yxy color 92.2782, 0.3264, 0.3841 looks on a white background.

Color Contrast Check

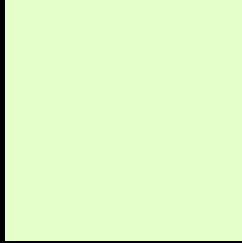
Large Text (above 18pt) WCAG AA × Fail

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 92.2782, 0.3264, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

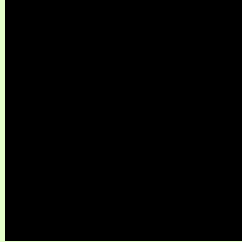
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

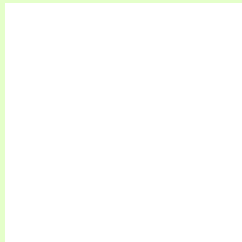
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.2782, 0.3264, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 92.2782, 0.3264, 0.3841.

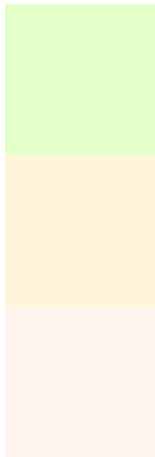


This preview shows how white text looks on a background with the Yxy color 92.2782, 0.3264, 0.3841.

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

92.2782, 0.3264, 0.3841

Protanopia

92.2335, 0.3358, 0.3566

Deuteranopia

92.1344, 0.3236, 0.3349

Tritanopia

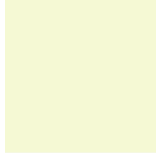
92.0088, 0.3049, 0.3202

Trichromacy



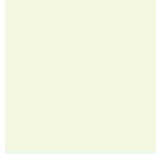
Original Color

92.2782, 0.3264, 0.3841



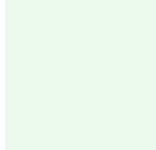
Protanomaly

91.9173, 0.3324, 0.3663



Deuteranomaly

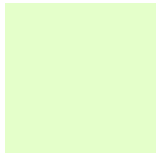
91.9835, 0.3246, 0.3520



Tritanomaly

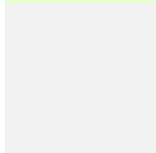
91.8120, 0.3127, 0.3421

Monochromacy



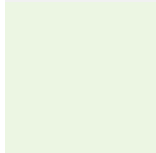
Original Color

92.2782, 0.3264, 0.3841



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.2905, 0.3176, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.2782, 0.3264, 0.3841 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(228, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(228, 255, 202)  
}
```

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(228, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 255, 202) }
```

Border

The CSS property to change the border of an element to Yxy 92.2782, 0.3264, 0.3841 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(228, 255, 202) }
```

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

```
.border{ border-color:rgb(228, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(228, 255,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 92.2782, 0.3264, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 255, 202) }
```

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

```
.background{ background-color: rgb(228,  
255, 202) }
```

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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