

Converting Colors

$Yxy(90.9122, 0.3272, 0.3937)$

Have a look what the booklet for
Yxy(90.9122, 0.3272, 0.3937)
contains.

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Color

Yxy(90.9446, 0.3271, 0.3934)

Conversions

Conversions Part 1

Format	Color
Hex	DEFFC2
RGB	222, 255, 194
RGB Percent	87%, 100%, 76%
CMY	0.1295, 0.0000, 0.2392
CMYK	0.13, 0.00, 0.24, 0.00
HSL	92°, 100%, 88%
HSV	92°, 24%, 100%
XYZ	75.6176, 90.9446, 64.6137
YIQ	238.1790, -0.0870, -25.9670

Conversions

Conversions Part 2

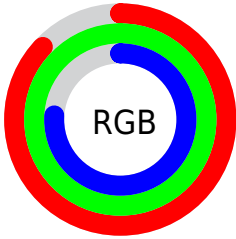
Format	Color
RYB	194, 255, 227
Decimal	14614466
CIELab	96.39, -21.12, 25.70
CIElCh	96, 33.270, 129.416
Yxy	90.9446, 0.3271, 0.3934
Android (android.graphics.Color)	4292804546 (0xFFDEFFC2)
YUV	238.1790, -21.7802, -14.1890
Hunter-Lab	95.3649, -25.3506, 26.5840

Details

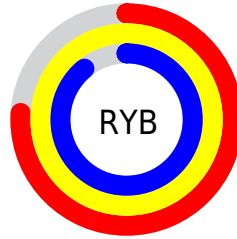
The Yxy color **90.9446, 0.3271, 0.3934** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.1457, 0.2948, 0.2654**, and the grayscale version is **85.8130, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **50.3886, 0.3293, 0.4082** is the 20% darker color. If you saturate the color by 10%, you get **87.8011, 0.3325, 0.4234**, and if you desaturate by 10%, it is **94.4577, 0.3212, 0.3650**.

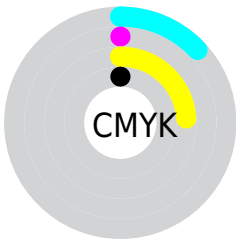
Distribution



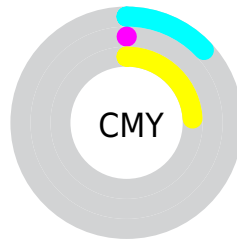
- Red (87%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (89%)



- Cyan (13%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (13%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 90.9446, 0.3271, 0.3934 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 90.9446, 0.3271, 0.3934 by changing the saturation by 10% instead.


 90.9446, 0.3271,
0.3934

 90.9446, 0.3271,
0.3934

531.0988, 0.3213,
0.3638

 68.7644, 0.3282,
0.4001


 148.6498, 0.3252,
0.3832

 50.5198, 0.3295,
0.4083


184.9435, 0.3245,
0.3792

 35.8266, 0.3310,
0.4186


226.7106, 0.3238,
0.3758

 24.3003, 0.3326,
0.4319

274.3353, 0.3232,
0.3728

 15.5565, 0.3344,
0.4497

328.2021, 0.3226,
0.3701

 9.2109, 0.3360,
0.4747

388.6953, 0.3221,

 4.8790, 0.3364,

0.3678

0.5117

456.1994, 0.3217,
0.3657

■ 2.1764, 0.3494,
0.6014

■ 0.7071, 0.1811,
0.8189

■ 90.9446, 0.3271,
0.3934

■ 90.9446, 0.3271,
0.3934

■ 87.8011, 0.3325,
0.4234

■ 94.4577, 0.3212,
0.3650

■ 85.0212, 0.3369,
0.4543

■ 98.3621, 0.3151,
0.3387

■ 82.5868, 0.3401,
0.4846

■ 100.0000, 0.3127,
0.3290

■ 80.4813, 0.3415,
0.5130

■ 78.6863, 0.3408,
0.5376

■ 77.1809, 0.3380,
0.5571

■ 75.9408, 0.3333,
0.5706

■ 75.2971, 0.3298,
0.5763

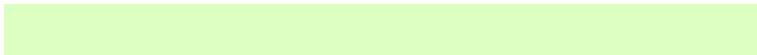
Harmonies

Analogous

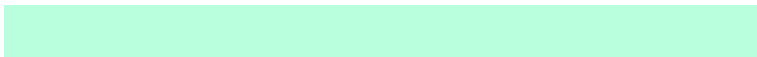
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9446, 0.3613, 0.3933



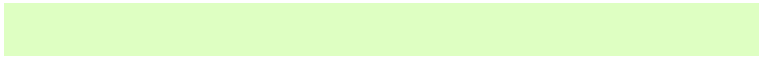
90.9446, 0.3271, 0.3934



90.9446, 0.2903, 0.3729

Triad

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



90.9446, 0.3271, 0.3934



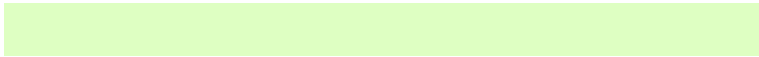
90.9446, 0.2463, 0.2789



90.9446, 0.3665, 0.3168

Complementary

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



90.9446, 0.3271, 0.3934



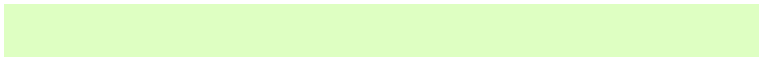
62.1457, 0.2948, 0.2654

Split Complementary

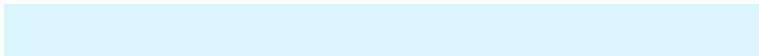
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.9446, 0.3327, 0.2904



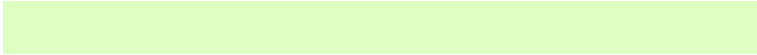
90.9446, 0.3271, 0.3934



90.9446, 0.2639, 0.2685

Square

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



90.9446, 0.3271, 0.3934



90.9446, 0.2451, 0.3037



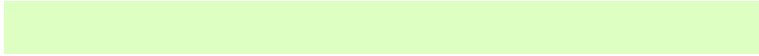
90.9446, 0.2950, 0.2730



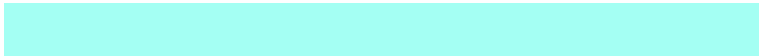
90.9446, 0.3854, 0.3472

Rectangle

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



90.9446, 0.3271, 0.3934



90.9446, 0.2693, 0.3508



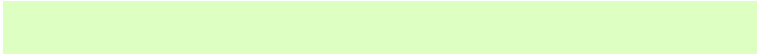
90.9446, 0.2950, 0.2730



90.9446, 0.3564, 0.3073

Sweetspot

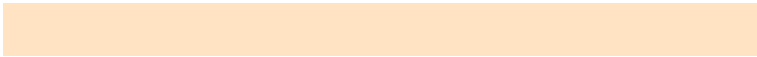
The Sweet Spot groups the original color and five complimentary colors.



90.9418, 0.3271, 0.3934



97.1160, 0.3170, 0.3465



79.8421, 0.3552, 0.3621



20.7356, 0.3174, 0.3481



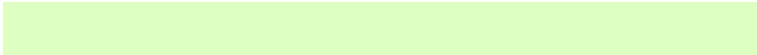
0.0000, 0.0000, 0.0000



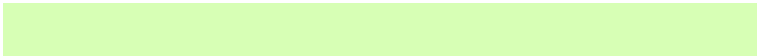
21.4041, 0.3127, 0.3290

Same Dimension

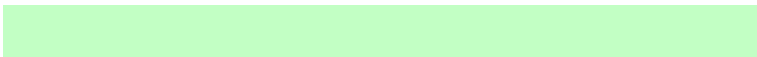
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.9418, 0.3271, 0.3934



89.2992, 0.3299, 0.4085



86.9786, 0.3084, 0.3946



20.5761, 0.3185, 0.3531



39.4307, 0.3310, 0.5754



3.9033, 0.3397, 0.5685

Inverse Universe

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



62.1457, 0.2948, 0.2654



55.6744, 0.2901, 0.2507



66.9390, 0.3170, 0.2711



17.8622, 0.3064, 0.3050



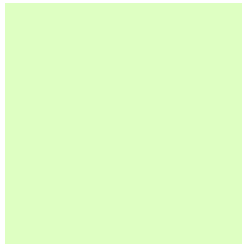
6.6889, 0.2104, 0.0933



0.7163, 0.2222, 0.0998

Previews

White Background



This preview shows how the Yxy color 90.9446, 0.3271, 0.3934 looks on a white background.

Color Contrast Check

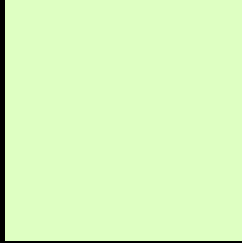
Large Text (above 18pt) WCAG AA × Fail

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 90.9446, 0.3271, 0.3934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

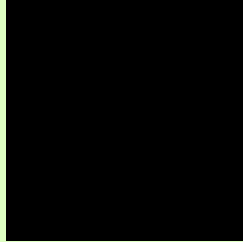
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

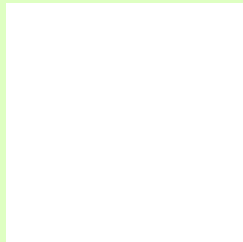
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.9446, 0.3271, 0.3934

Background



This preview shows how black text looks on a background with the Yxy color 90.9446, 0.3271, 0.3934.

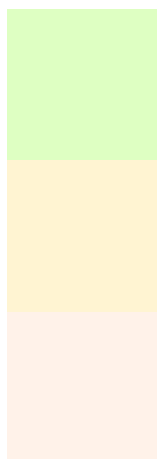


This preview shows how white text looks on a background with the Yxy color 90.9446, 0.3271, 0.3934.

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

90.9446, 0.3271, 0.3934

Protanopia

90.6145, 0.3412, 0.3627

Deuteranopia

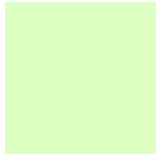
90.6475, 0.3269, 0.3378



Tritanopia

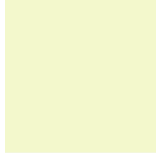
90.7020, 0.3024, 0.3191

Trichromacy



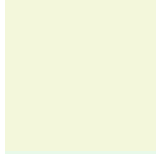
Original Color

90.9446, 0.3271, 0.3934



Protanomaly

90.5491, 0.3361, 0.3737



Deuteranomaly

90.6907, 0.3270, 0.3573



Tritanomaly

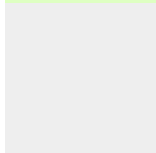
90.7904, 0.3113, 0.3453

Monochromacy



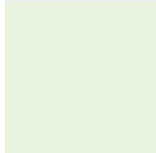
Original Color

90.9446, 0.3271, 0.3934



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.1311, 0.3182, 0.3517

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.9446, 0.3271, 0.3934 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(222, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(222, 255, 194)  
}
```

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(222, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 255, 194) }
```

Border

The CSS property to change the border of an element to Yxy 90.9446, 0.3271, 0.3934 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(222, 255, 194) }
```

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

```
.border{ border-color:rgb(222, 255, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(222, 255,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 90.9446, 0.3271, 0.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 255, 194) }
```

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

```
.background{ background-color: rgb(222,  
255, 194) }
```

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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