

Converting Colors

$Yxy(91.1627, 0.3181, 0.3796)$

Have a look what the booklet for
Yxy(91.1627, 0.3181, 0.3796)
contains.

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Color

Yxy(91.2406, 0.3184, 0.3796)

Conversions

Conversions Part 1

Format	Color
Hex	DCFFCF
RGB	220, 255, 207
RGB Percent	86%, 100%, 81%
CMY	0.1373, 0.0000, 0.1884
CMYK	0.14, 0.00, 0.19, 0.00
HSL	104°, 100%, 91%
HSV	104°, 19%, 100%
XYZ	76.5306, 91.2406, 72.5887
YIQ	239.0630, -5.4520, -22.3480

Conversions

Conversions Part 2

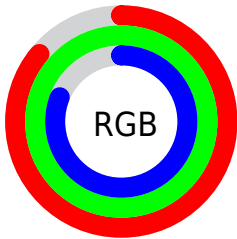
Format	Color
R _Y B	207, 255, 242
Decimal	14483407
CIE Lab	96.51, -19.79, 19.26
CIE LCh	97, 27.621, 135.774
Yxy	91.2406, 0.3184, 0.3796
Android (android.graphics.Color)	4292673487 (0xFFDCFFCF)
YUV	239.0630, -15.8071, -16.7183
Hunter-Lab	95.5199, -24.1457, 21.8076

Details

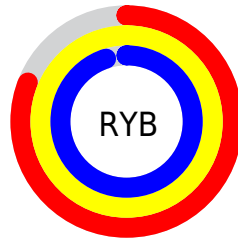
The Yxy color **91.2406, 0.3184, 0.3796** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **70.7062, 0.3056, 0.2807**, and the grayscale version is **86.4892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6874, 0.3192, 0.3903** is the 20% darker color. If you saturate the color by 10%, you get **87.3475, 0.3210, 0.4102**, and if you desaturate by 10%, it is **95.6497, 0.3155, 0.3515**.

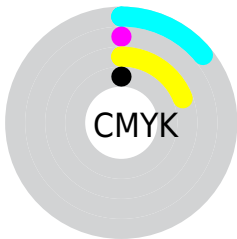
Distribution



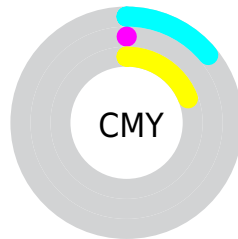
- Red (86%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2406, 0.3184, 0.3796 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 91.2406, 0.3184, 0.3796 by changing the saturation by 10% instead.


 91.2406, 0.3184,
0.3796

 91.2406, 0.3184,
0.3796

532.0583, 0.3162,
0.3564

 69.0101, 0.3188,
0.3848


149.0604, 0.3177,
0.3716

 50.7199, 0.3192,
0.3913

185.4185, 0.3175,
0.3685

 35.9857, 0.3197,
0.3993


227.2546, 0.3172,
0.3658

 24.4232, 0.3201,
0.4098

274.9530, 0.3170,
0.3634

 15.6478, 0.3205,
0.4239

328.8982, 0.3168,
0.3614

 9.2753, 0.3205,
0.4438

389.4745, 0.3166,

 4.9212, 0.3196,

0.3595

0.4738

457.0664, 0.3164,
0.3579

■ 2.2011, 0.3178,
0.5280

■ 0.7206, 0.2187,
0.7813

■ 91.2406, 0.3184,
0.3796

■ 91.2406, 0.3184,
0.3796

■ 87.3475, 0.3210,
0.4102

■ 95.6497, 0.3155,
0.3515

■ 83.9622, 0.3230,
0.4428

100.0000, 0.3127,
0.3290

■ 81.0593, 0.3241,
0.4761

■ 78.6155, 0.3240,
0.5085

■ 76.6056, 0.3226,
0.5380

■ 75.0017, 0.3199,
0.5623

■ 73.7721, 0.3159,
0.5800

■ 72.8758, 0.3111,
0.5906

■ 72.7885, 0.3106,
0.5916

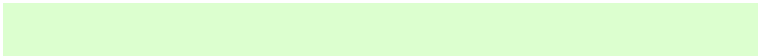
Harmonies

Analogous

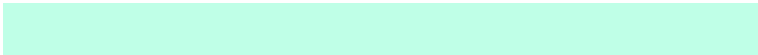
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2406, 0.3479, 0.3836



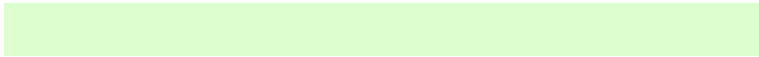
91.2406, 0.3184, 0.3796



91.2406, 0.2883, 0.3597

Triad

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



91.2406, 0.3184, 0.3796



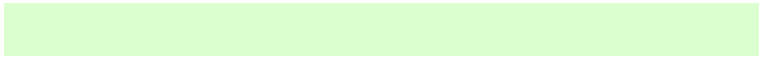
91.2406, 0.2591, 0.2844



91.2406, 0.3619, 0.3244

Complementary

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



91.2406, 0.3184, 0.3796



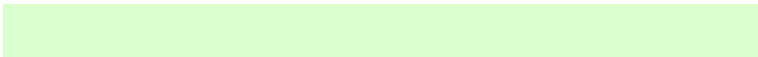
70.7062, 0.3056, 0.2807

Split Complementary

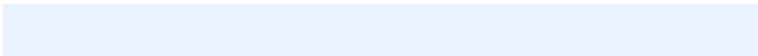
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2406, 0.3360, 0.3008



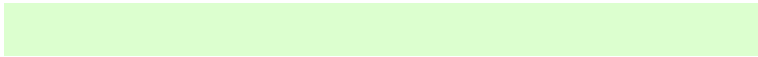
91.2406, 0.3184, 0.3796



91.2406, 0.2768, 0.2781

Square

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



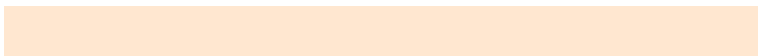
91.2406, 0.3184, 0.3796



91.2406, 0.2551, 0.3031



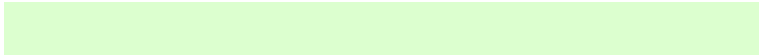
91.2406, 0.3046, 0.2842



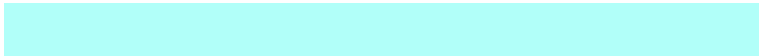
91.2406, 0.3740, 0.3501

Rectangle

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



91.2406, 0.3184, 0.3796



91.2406, 0.2719, 0.3408



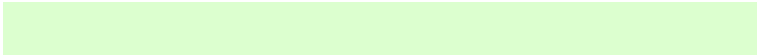
91.2406, 0.3046, 0.2842



91.2406, 0.3544, 0.3160

Sweetspot

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



91.2366, 0.3184, 0.3796



96.9989, 0.3146, 0.3440



88.9062, 0.3435, 0.3633



20.6944, 0.3148, 0.3457



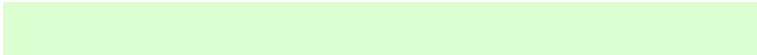
0.0000, 0.0000, 0.0000



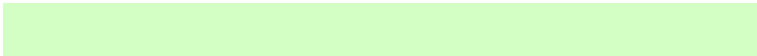
21.4041, 0.3127, 0.3290

Same Dimension

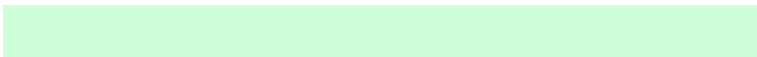
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2366, 0.3184, 0.3796



89.5543, 0.3195, 0.3921



89.8105, 0.3045, 0.3693



20.4062, 0.3157, 0.3533



38.0960, 0.3116, 0.5908



3.7604, 0.3195, 0.5845

Inverse Universe

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



70.7062, 0.3056, 0.2807



65.2277, 0.3037, 0.2695



72.4390, 0.3221, 0.2918



18.0384, 0.3094, 0.3053



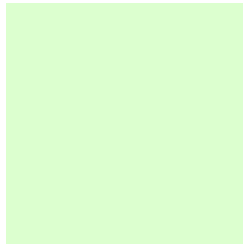
9.2989, 0.2531, 0.1168



0.9593, 0.2611, 0.1212

Previews

White Background



This preview shows how the Yxy color 91.2406, 0.3184, 0.3796 looks on a white background.

Color Contrast Check

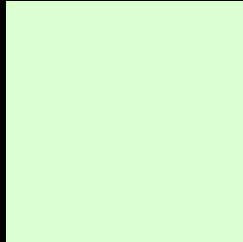
Large Text (above 18pt) WCAG AA × Fail

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 91.2406, 0.3184, 0.3796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

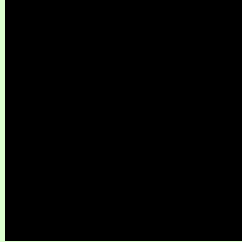
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

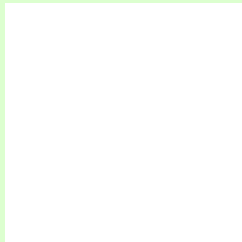
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2406, 0.3184, 0.3796

Background



This preview shows how black text looks on a background with the Yxy color 91.2406, 0.3184, 0.3796.

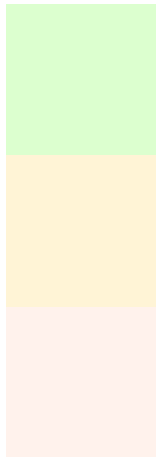


This preview shows how white text looks on a background with the Yxy color 91.2406, 0.3184, 0.3796.

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

91.2406, 0.3184, 0.3796

Protanopia

90.8164, 0.3386, 0.3587

Deuteranopia

90.8204, 0.3250, 0.3349



Tritanopia

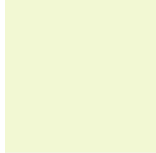
91.3087, 0.3024, 0.3201

Trichromacy



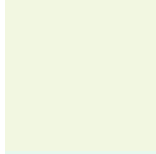
Original Color

91.2406, 0.3184, 0.3796



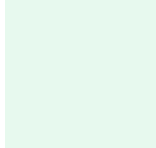
Protanomaly

90.7152, 0.3311, 0.3666



Deuteranomaly

90.8350, 0.3227, 0.3512



Tritanomaly

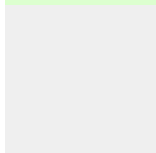
90.9133, 0.3078, 0.3401

Monochromacy



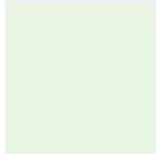
Original Color

91.2406, 0.3184, 0.3796



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0067, 0.3151, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2406, 0.3184, 0.3796 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(220, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 207)  
}
```

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(220, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 91.2406, 0.3184, 0.3796 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(220, 255, 207) }
```

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

```
.border{ border-color:rgb(220, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2406, 0.3184, 0.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 207) }
```

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

```
.background{ background-color: rgb(220,  
255, 207) }
```

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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