

Converting Colors

$Yxy(91.2521, 0.3207, 0.3827)$

Have a look what the booklet for
Yxy(91.2521, 0.3207, 0.3827)
contains.

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Color

Yxy(91.2518, 0.3207, 0.3827)

Conversions

Conversions Part 1

Format	Color
Hex	DDFFCC
RGB	221, 255, 204
RGB Percent	87%, 100%, 80%
CMY	0.1335, 0.0000, 0.1999
CMYK	0.13, 0.00, 0.20, 0.00
HSL	100°, 100%, 90%
HSV	100°, 20%, 100%
XYZ	76.4684, 91.2518, 70.7219
YIQ	239.0200, -3.8930, -23.0690

Conversions

Conversions Part 2

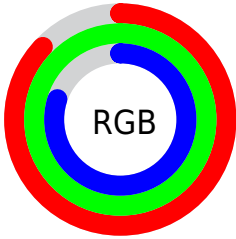
Format	Color
R_{YB}	204, 255, 238
Decimal	14548940
CIE _{Lab}	96.51, -19.94, 20.78
CIE _{LCh}	97, 28.801, 133.811
Yxy	91.2518, 0.3207, 0.3827
Android (android.graphics.Color)	4292739020 (0xFFDDFFCC)
YUV	239.0200, -17.2649, -15.8035
Hunter-Lab	95.5258, -24.2810, 22.9731

Details

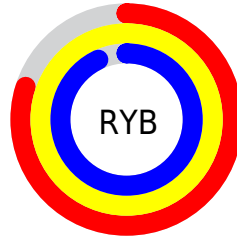
The Yxy color **91.2518, 0.3207, 0.3827** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **68.6053, 0.3028, 0.2773**, and the grayscale version is **86.4612, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6972, 0.3222, 0.3943** is the 20% darker color. If you saturate the color by 10%, you get **87.5813, 0.3242, 0.4131**, and if you desaturate by 10%, it is **95.3805, 0.3168, 0.3545**.

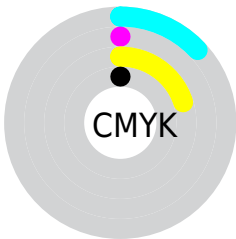
Distribution



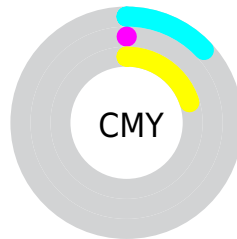
- Red (87%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (93%)



- Cyan (13%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (13%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.2518, 0.3207, 0.3827 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 91.2518, 0.3207, 0.3827 by changing the saturation by 10% instead.


 91.2518, 0.3207,
0.3827

 91.2518, 0.3207,
0.3827


532.0945, 0.3176,
0.3581

 69.0194, 0.3213,
0.3883


149.0760, 0.3197,
0.3742

 50.7275, 0.3219,
0.3951


185.4365, 0.3193,
0.3709

 35.9918, 0.3227,
0.4037


227.2752, 0.3189,
0.3680

 24.4278, 0.3235,
0.4148

274.9764, 0.3186,
0.3655

 15.6513, 0.3243,
0.4297

328.9245, 0.3183,
0.3633

 9.2777, 0.3249,
0.4507

389.5040, 0.3180,

 4.9228, 0.3245,

0.3614

0.4824

457.0992, 0.3178,
0.3597

■ 2.2020, 0.3253,
0.5423

■ 0.7211, 0.2160,
0.7840

■ 91.2518, 0.3207,
0.3827

■ 91.2518, 0.3207,
0.3827

■ 87.5813, 0.3242,
0.4131

■ 95.3805, 0.3168,
0.3545

■ 84.3712, 0.3270,
0.4452

100.0000, 0.3127,
0.3290

■ 81.5959, 0.3288,
0.4777

■ 79.2349, 0.3293,
0.5090

■ 77.2659, 0.3282,
0.5372

■ 75.6642, 0.3254,
0.5604

■ 74.4014, 0.3211,
0.5771

■ 73.4372, 0.3158,
0.5874

■ 73.4365, 0.3158,
0.5875

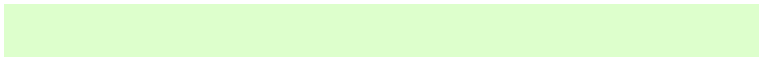
Harmonies

Analogous

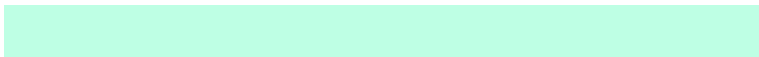
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.2518, 0.3512, 0.3856



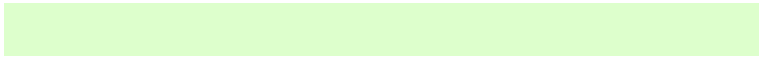
91.2518, 0.3207, 0.3827



91.2518, 0.2892, 0.3628

Triad

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



91.2518, 0.3207, 0.3827



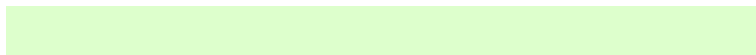
91.2518, 0.2562, 0.2834



91.2518, 0.3626, 0.3224

Complementary

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



91.2518, 0.3207, 0.3827



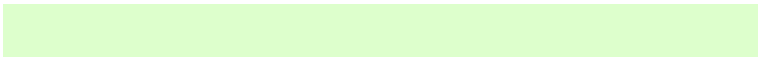
68.6053, 0.3028, 0.2773

Split Complementary

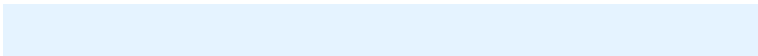
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.2518, 0.3349, 0.2983



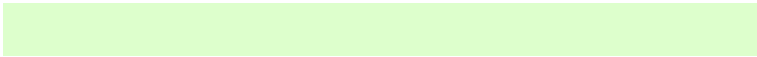
91.2518, 0.3207, 0.3827



91.2518, 0.2737, 0.2761

Square

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



91.2518, 0.3207, 0.3827



91.2518, 0.2530, 0.3036



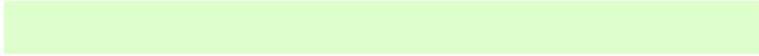
91.2518, 0.3021, 0.2817



91.2518, 0.3763, 0.3491

Rectangle

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



91.2518, 0.3207, 0.3827



91.2518, 0.2717, 0.3433



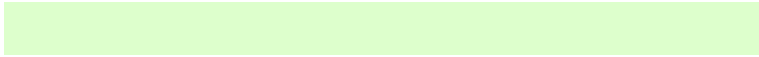
91.2518, 0.3021, 0.2817



91.2518, 0.3545, 0.3138

Sweetspot

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



91.2451, 0.3207, 0.3827



97.1666, 0.3152, 0.3440



86.7739, 0.3461, 0.3630



20.7339, 0.3154, 0.3457



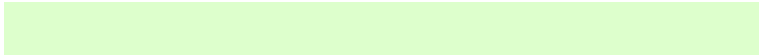
0.0000, 0.0000, 0.0000



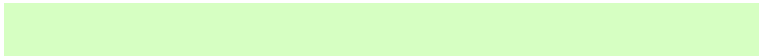
21.4041, 0.3127, 0.3290

Same Dimension

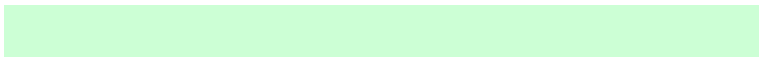
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.2451, 0.3207, 0.3827



89.7208, 0.3222, 0.3947



89.1401, 0.3054, 0.3749



20.4611, 0.3166, 0.3532



38.4444, 0.3169, 0.5866



3.8000, 0.3254, 0.5799

Inverse Universe

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



68.6053, 0.3028, 0.2773



63.3217, 0.3004, 0.2662



71.1407, 0.3210, 0.2871



17.9805, 0.3084, 0.3052



8.3415, 0.2385, 0.1087



0.8719, 0.2480, 0.1140

Previews

White Background



This preview shows how the Yxy color 91.2518, 0.3207, 0.3827 looks on a white background.

Color Contrast Check

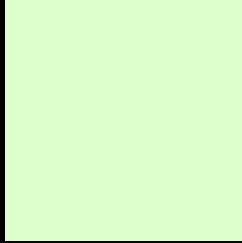
Large Text (above 18pt) WCAG AA × Fail

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 91.2518, 0.3207, 0.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

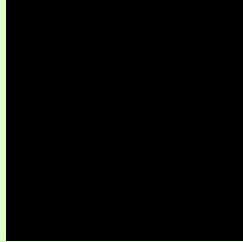
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

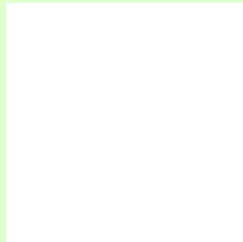
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.2518, 0.3207, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 91.2518, 0.3207, 0.3827.

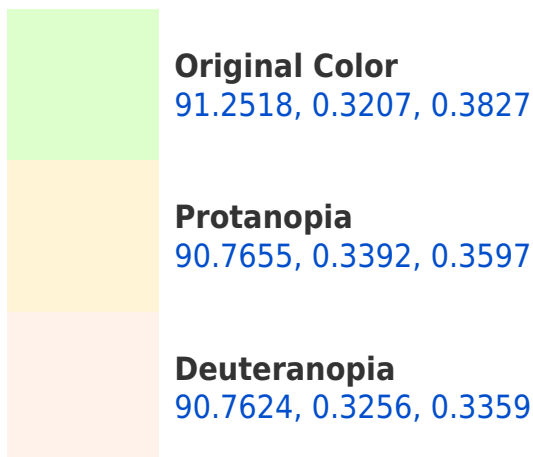


This preview shows how white text looks on a background with the Yxy color 91.2518, 0.3207, 0.3827.

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





Tritanopia

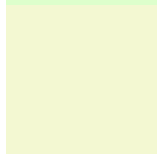
90.7020, 0.3024, 0.3191

Trichromacy



Original Color

91.2518, 0.3207, 0.3827



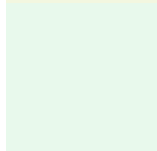
Protanomaly

90.8426, 0.3324, 0.3675



Deuteranomaly

90.9580, 0.3240, 0.3521



Tritanomaly

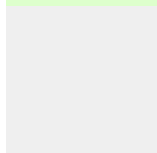
90.9633, 0.3096, 0.3422

Monochromacy



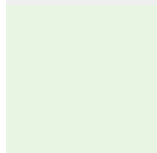
Original Color

91.2518, 0.3207, 0.3827



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

87.9516, 0.3157, 0.3485

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.2518, 0.3207, 0.3827 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(221, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(221, 255, 204)  
}
```

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(221, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 255, 204) }
```

Border

The CSS property to change the border of an element to Yxy 91.2518, 0.3207, 0.3827 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(221, 255, 204) }
```

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

```
.border{ border-color:rgb(221, 255, 204) }
```

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

Here you see how a box with a 4 pixel rgb(221, 255, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(221, 255,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 91.2518, 0.3207, 0.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 255, 204) }
```

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

```
.background{ background-color: rgb(221,  
255, 204) }
```

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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