

Converting Colors

$Yxy(105.0872, 0.3099, 0.3866)$

Have a look what the booklet for
Yxy(105.0872, 0.3099, 0.3866)
contains.

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Color

Yxy(91.4874, 0.3109, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	DAFFDA
RGB	218, 255, 218
RGB Percent	85%, 100%, 85%
CMY	0.1450, 0.0000, 0.1450
CMYK	0.15, 0.00, 0.15, 0.00
HSL	120°, 100%, 93%
HSV	120°, 15%, 100%
XYZ	77.3340, 91.4874, 79.9209
YIQ	239.7190, -10.1750, -19.3510

Conversions

Conversions Part 2

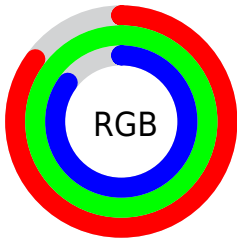
Format	Color
R_{YB}	218, 255, 255
Decimal	14352346
CIE _{Lab}	96.61, -18.61, 13.74
CIE _{LCh}	97, 23.134, 143.548
Y _{xy}	91.4874, 0.3109, 0.3678
Android (android.graphics.Color)	4292542426 (0xFFDAFFDA)
YUV	239.7190, -10.7075, -19.0476
Hunter-Lab	95.6490, -23.0654, 17.4138

Details

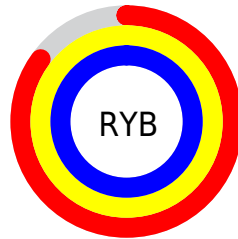
The Yxy color **91.4874, 0.3109, 0.3678** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **78.6288, 0.3144, 0.2930**, and the grayscale version is **87.0032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.8190, 0.3105, 0.3765** is the 20% darker color. If you saturate the color by 10%, you get **86.6238, 0.3094, 0.3989**, and if you desaturate by 10%, it is **97.1688, 0.3122, 0.3402**.

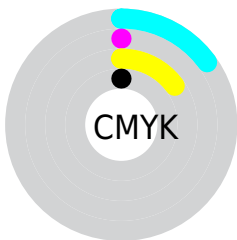
Distribution



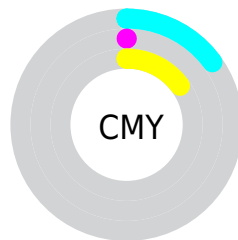
- Red (85%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (15%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4874, 0.3109, 0.3678 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 91.4874, 0.3109, 0.3678 by changing the saturation by 10% instead.


 91.4874, 0.3109,
0.3678

 91.4874, 0.3109,
0.3678


532.8575, 0.3119,
0.3501

 69.2149, 0.3106,
0.3718


149.4027, 0.3113,
0.3617

 50.8868, 0.3102,
0.3767


185.8144, 0.3114,
0.3593

 36.1185, 0.3097,
0.3828


227.7080, 0.3116,
0.3573

 24.5257, 0.3090,
0.3908

275.4678, 0.3117,
0.3555

 15.7241, 0.3080,
0.4015

329.4782, 0.3117,
0.3539

 9.3291, 0.3063,
0.4166

390.1238, 0.3118,

 4.9565, 0.3033,

0.3525

0.4396

457.7887, 0.3119,
0.3512

■ 2.2217, 0.2970,
0.4784

■ 0.7318, 0.2480,
0.7520

■ 91.4874, 0.3109,
0.3678

■ 91.4874, 0.3109,
0.3678

■ 86.6238, 0.3094,
0.3989

■ 97.1688, 0.3122,
0.3402

■ 82.5293, 0.3078,
0.4330

99.9999, 0.3127,
0.3290

■ 79.1681, 0.3062,
0.4690

■ 76.4970, 0.3045,
0.5050

■ 74.4680, 0.3029,
0.5384

■ 73.0273, 0.3016,
0.5662

■ 72.1121, 0.3007,
0.5861

■ 71.6455, 0.3001,
0.5970

■ 71.5202, 0.3000,
0.6000

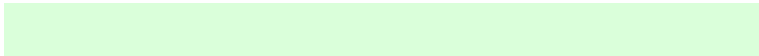
Harmonies

Analogous

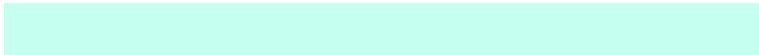
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4874, 0.3364, 0.3750



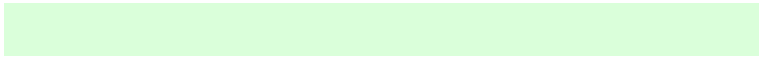
91.4874, 0.3109, 0.3678



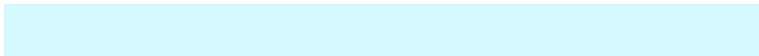
91.4874, 0.2866, 0.3487

Triad

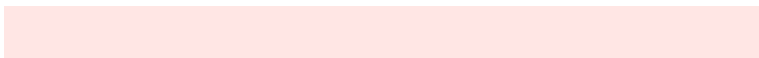
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.4874, 0.3109, 0.3678



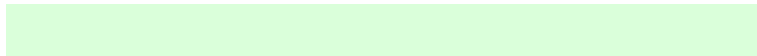
91.4874, 0.2704, 0.2891



91.4874, 0.3577, 0.3310

Complementary

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



91.4874, 0.3109, 0.3678



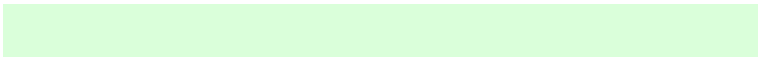
78.6288, 0.3144, 0.2930

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.



91.4874, 0.3386, 0.3101



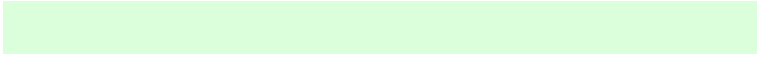
91.4874, 0.3109, 0.3678



91.4874, 0.2880, 0.2864

Square

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



91.4874, 0.3109, 0.3678



91.4874, 0.2639, 0.3026



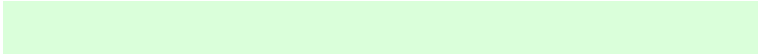
91.4874, 0.3129, 0.2940



91.4874, 0.3641, 0.3523

Rectangle

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



91.4874, 0.3109, 0.3678



91.4874, 0.2742, 0.3326



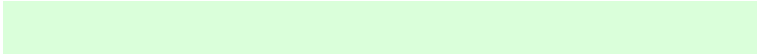
91.4874, 0.3129, 0.2940



91.4874, 0.3525, 0.3237

Sweetspot

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



91.4913, 0.3109, 0.3678



97.4772, 0.3123, 0.3390



97.4499, 0.3346, 0.3645



20.7658, 0.3122, 0.3409



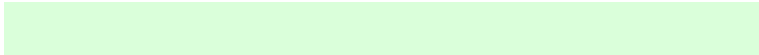
0.0000, 0.0000, 0.0000



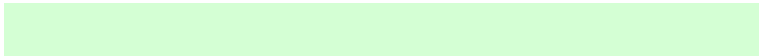
21.4041, 0.3127, 0.3290

Same Dimension

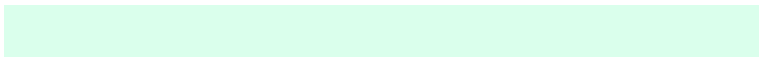
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4913, 0.3109, 0.3678



90.2021, 0.3106, 0.3752



92.4773, 0.3009, 0.3487



20.1684, 0.3116, 0.3536



37.3710, 0.3000, 0.6000



3.6387, 0.3000, 0.6000

Inverse Universe

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



78.6288, 0.3144, 0.2930



75.3906, 0.3147, 0.2867



77.5318, 0.3264, 0.3101



18.3002, 0.3138, 0.3056



14.8768, 0.3209, 0.1541



1.4486, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 91.4874, 0.3109, 0.3678 looks on a white background.

Color Contrast Check

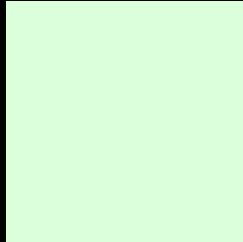
Large Text (above 18pt) WCAG AA × Fail

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 91.4874, 0.3109, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

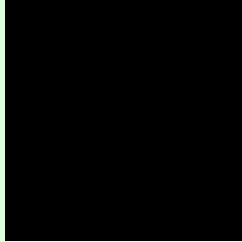
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

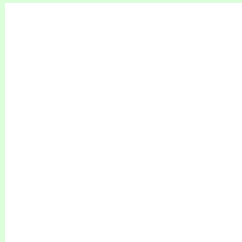
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.4874, 0.3109, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 91.4874, 0.3109, 0.3678.

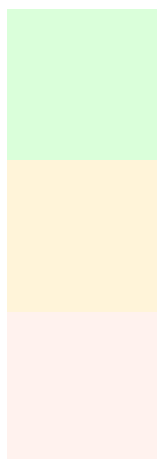


This preview shows how white text looks on a background with the Yxy color 91.4874, 0.3109, 0.3678.

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

91.4874, 0.3109, 0.3678

Protanopia

90.9711, 0.3367, 0.3557

Deuteranopia

90.9373, 0.3237, 0.3329



Tritanopia

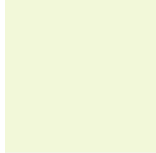
91.1361, 0.3018, 0.3201

Trichromacy



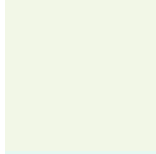
Original Color

91.4874, 0.3109, 0.3678



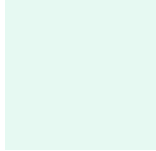
Protanomaly

91.0218, 0.3275, 0.3604



Deuteranomaly

91.1683, 0.3191, 0.3450



Tritanomaly

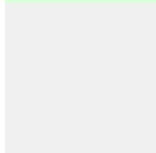
90.9852, 0.3049, 0.3361

Monochromacy



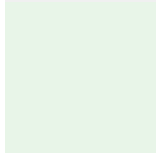
Original Color

91.4874, 0.3109, 0.3678



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.2868, 0.3121, 0.3423

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4874, 0.3109, 0.3678 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(218, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 255, 218)  
}
```

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(218, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 255, 218) }
```

Border

The CSS property to change the border of an element to Yxy 91.4874, 0.3109, 0.3678 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(218, 255, 218) }
```

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

```
.border{ border-color:rgb(218, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 255,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4874, 0.3109, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 255, 218) }
```

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

```
.background{ background-color: rgb(218,  
255, 218) }
```

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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