

Converting Colors

$Yxy(91.2732, 0.3097, 0.3675)$

Have a look what the booklet for
Yxy(91.2732, 0.3097, 0.3675)
contains.

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Color

Yxy(91.1809, 0.3097, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	D8FFDA
RGB	216, 255, 218
RGB Percent	85%, 100%, 85%
CMY	0.1528, 0.0000, 0.1452
CMYK	0.15, 0.00, 0.15, 0.00
HSL	123°, 100%, 92%
HSV	123°, 15%, 100%
XYZ	76.7357, 91.1809, 79.8576
YIQ	239.1210, -11.3670, -19.7750

Conversions

Conversions Part 2

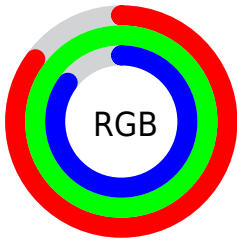
Format	Color
RYB	216, 253, 255
Decimal	14221274
CIELab	96.48, -19.27, 13.58
CIElCh	96, 23.573, 144.839
Yxy	91.1809, 0.3097, 0.3680
Android (android.graphics.Color)	4292411354 (0xFFD8FFDA)
YUV	239.1210, -10.4127, -20.2771
Hunter-Lab	95.4887, -23.6608, 17.2576

Details

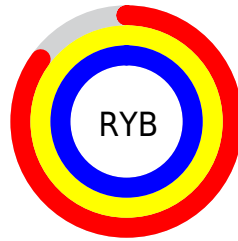
The Yxy color **91.1809, 0.3097, 0.3680** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **77.4827, 0.3158, 0.2929**, and the grayscale version is **86.5079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.6096, 0.3089, 0.3767** is the 20% darker color. If you saturate the color by 10%, you get **86.4182, 0.3076, 0.3977**, and if you desaturate by 10%, it is **96.7367, 0.3117, 0.3416**.

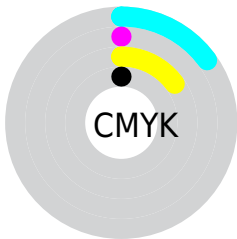
Distribution



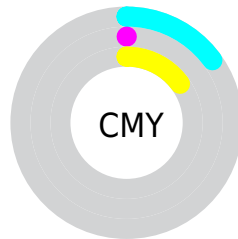
- Red (85%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (99%)
- 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 91.1809, 0.3097, 0.3680 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 91.1809, 0.3097, 0.3680 by changing the saturation by 10% instead.

 91.1809, 0.3097,
0.3680

 91.1809, 0.3097,
0.3680

531.8648, 0.3113,
0.3502

 68.9605, 0.3093,
0.3720

148.9776, 0.3103,
0.3619

 50.6795, 0.3088,
0.3769

185.3228, 0.3105,
0.3595

 35.9536, 0.3081,
0.3831


227.1449, 0.3107,
0.3574

 24.3984, 0.3072,
0.3912

274.8285, 0.3108,
0.3556

 15.6294, 0.3058,
0.4020

328.7578, 0.3110,
0.3540

 9.2623, 0.3037,
0.4173

389.3174, 0.3111,

 4.9127, 0.3000,

0.3526

0.4406

456.8916, 0.3112,
0.3513

■ 2.1961, 0.2926,
0.4801

■ 0.7179, 0.2279,
0.7721

■ 91.1809, 0.3097,
0.3680

■ 91.1809, 0.3097,
0.3680

■ 86.4182, 0.3076,
0.3977

■ 96.7367, 0.3117,
0.3416

■ 82.4055, 0.3054,
0.4303

100.0000, 0.3127,
0.3290

■ 79.1069, 0.3034,
0.4649

■ 76.4804, 0.3015,
0.4997

■ 74.4797, 0.3001,
0.5324

■ 73.0528, 0.2993,
0.5606

■ 72.1392, 0.2990,
0.5817

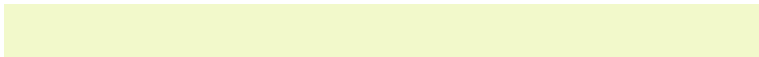
■ 71.6647, 0.2993,
0.5945

■ 71.5482, 0.2994,
0.5979

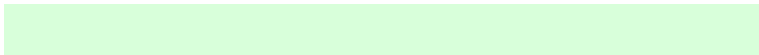
Harmonies

Analogous

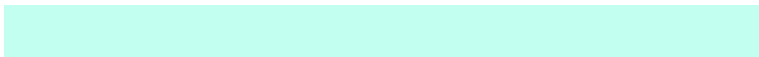
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.1809, 0.3358, 0.3759



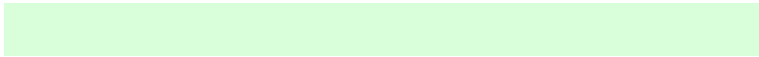
91.1809, 0.3097, 0.3680



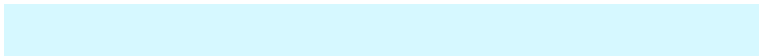
91.1809, 0.2851, 0.3481

Triad

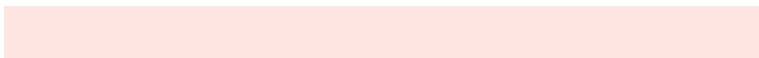
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.1809, 0.3097, 0.3680



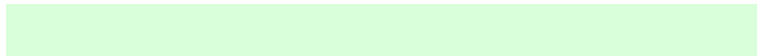
91.1809, 0.2702, 0.2880



91.1809, 0.3592, 0.3320

Complementary

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



91.1809, 0.3097, 0.3680



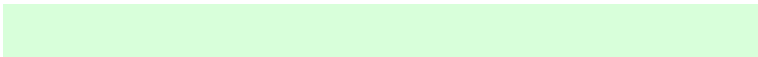
77.4827, 0.3158, 0.2929

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.



91.1809, 0.3401, 0.3105



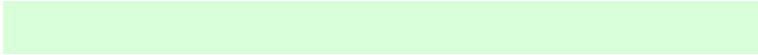
91.1809, 0.3097, 0.3680



91.1809, 0.2885, 0.2857

Square

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



91.1809, 0.3097, 0.3680



91.1809, 0.2629, 0.3012



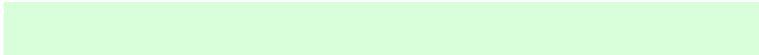
91.1809, 0.3140, 0.2939



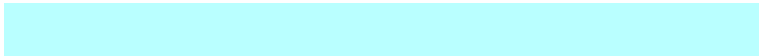
91.1809, 0.3651, 0.3536

Rectangle

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



91.1809, 0.3097, 0.3680



91.1809, 0.2727, 0.3315



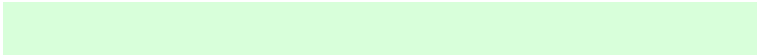
91.1809, 0.3140, 0.2939



91.1809, 0.3540, 0.3246

Sweetspot

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



91.1833, 0.3097, 0.3680



96.9055, 0.3118, 0.3409



97.4938, 0.3349, 0.3672



20.6522, 0.3116, 0.3426



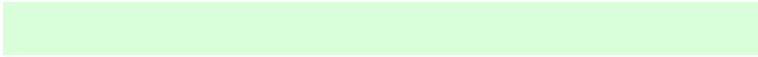
0.0000, 0.0000, 0.0000



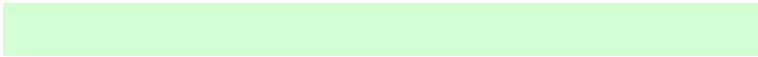
21.4041, 0.3127, 0.3290

Same Dimension

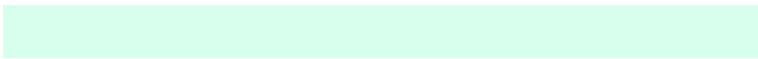
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.1833, 0.3097, 0.3680



89.8120, 0.3091, 0.3758



92.2269, 0.2992, 0.3478



20.1828, 0.3109, 0.3523



37.3915, 0.2992, 0.5970



3.6456, 0.2972, 0.5899

Inverse Universe

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



77.4827, 0.3158, 0.2929



73.9842, 0.3164, 0.2863



76.3395, 0.3286, 0.3109



18.2839, 0.3146, 0.3067



14.4764, 0.3338, 0.1612



1.4141, 0.3322, 0.1604

Previews

White Background



This preview shows how the Yxy color 91.1809, 0.3097, 0.3680 looks on a white background.

Color Contrast Check

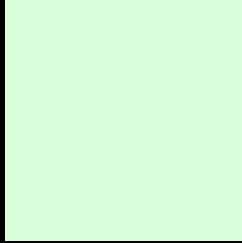
Large Text (above 18pt) WCAG AA × Fail

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 91.1809, 0.3097, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

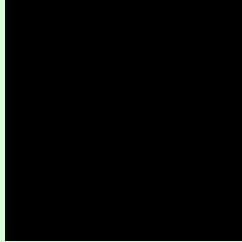
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

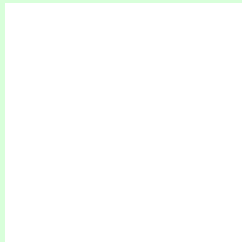
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.1809, 0.3097, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 91.1809, 0.3097, 0.3680.

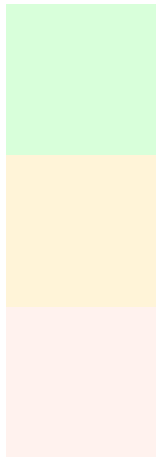


This preview shows how white text looks on a background with the Yxy color 91.1809, 0.3097, 0.3680.

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

91.1809, 0.3097, 0.3680

Protanopia

90.9192, 0.3373, 0.3567

Deuteranopia

90.9373, 0.3237, 0.3329



Tritanopia

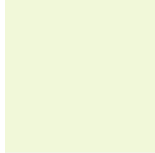
90.9644, 0.3012, 0.3201

Trichromacy



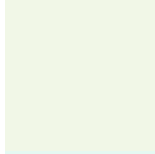
Original Color

91.1809, 0.3097, 0.3680



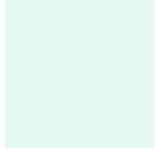
Protanomaly

90.8453, 0.3268, 0.3604



Deuteranomaly

90.9918, 0.3184, 0.3451



Tritanomaly

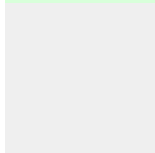
90.8202, 0.3042, 0.3361

Monochromacy



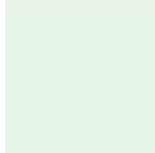
Original Color

91.1809, 0.3097, 0.3680



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0633, 0.3120, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.1809, 0.3097, 0.3680 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(216, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 255, 218) }
```

Border

The CSS property to change the border of an element to Yxy 91.1809, 0.3097, 0.3680 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(216, 255, 218) }
```

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

```
.border{ border-color:rgb(216, 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(216, 255, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(216, 255,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 91.1809, 0.3097, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 255, 218) }
```

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

```
.background{ background-color: rgb(216,  
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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