

Converting Colors

$Yxy(91.8845, 0.3110, 0.3656)$

Have a look what the booklet for
Yxy(91.8845, 0.3110, 0.3656)
contains.

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Color

Yxy(91.9030, 0.3110, 0.3655)

Conversions

Conversions Part 1

Format	Color
Hex	DCFFDC
RGB	220, 255, 220
RGB Percent	86%, 100%, 86%
CMY	0.1372, 0.0000, 0.1372
CMYK	0.14, 0.00, 0.14, 0.00
HSL	120°, 100%, 93%
HSV	120°, 14%, 100%
XYZ	78.1993, 91.9030, 81.3423
YIQ	240.5450, -9.6250, -18.3050

Conversions

Conversions Part 2

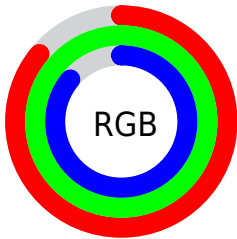
Format	Color
R _Y B	220, 255, 255
Decimal	14483420
CIE Lab	96.78, -17.61, 12.97
CIE LCh	97, 21.871, 143.613
Yxy	91.9030, 0.3110, 0.3655
Android (android.graphics.Color)	4292673500 (0xFFDCFFDC)
YUV	240.5450, -10.1287, -18.0180
Hunter-Lab	95.8661, -22.1607, 16.7987

Details

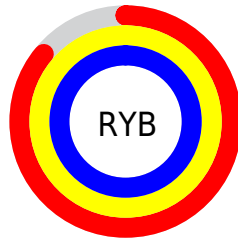
The Yxy color **91.9030, 0.3110, 0.3655** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **79.6750, 0.3143, 0.2950**, and the grayscale version is **87.6792, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1041, 0.3106, 0.3735** is the 20% darker color. If you saturate the color by 10%, you get **86.9767, 0.3096, 0.3963**, and if you desaturate by 10%, it is **97.6499, 0.3123, 0.3382**.

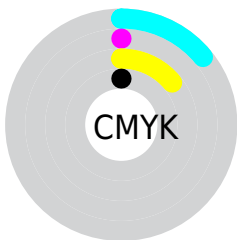
Distribution



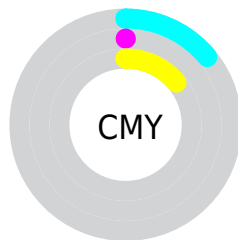
- Red (86%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (100%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9030, 0.3110, 0.3655 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 91.9030, 0.3110, 0.3655 by changing the saturation by 10% instead.


 91.9030, 0.3110,
0.3655

 91.9030, 0.3110,
0.3655

534.2020, 0.3120,
0.3489

 69.5601, 0.3107,
0.3692

149.9789, 0.3114,
0.3598

 51.1680, 0.3104,
0.3738


186.4807, 0.3115,
0.3576

 36.3423, 0.3099,
0.3796


228.4710, 0.3116,
0.3556

 24.6987, 0.3093,
0.3870

276.3340, 0.3117,
0.3539

 15.8527, 0.3083,
0.3970

330.4542, 0.3118,
0.3524

 9.4200, 0.3068,
0.4111

391.2160, 0.3119,

 5.0161, 0.3041,

0.3511

0.4324

459.0038, 0.3119,
0.3499

■ 2.2567, 0.2986,
0.4683

■ 0.7507, 0.2742,
0.7258

■ 91.9030, 0.3110,
0.3655

■ 91.9030, 0.3110,
0.3655

■ 86.9767, 0.3096,
0.3963

■ 97.6499, 0.3123,
0.3382

■ 82.8227, 0.3080,
0.4302

100.0000, 0.3127,
0.3290

■ 79.4054, 0.3063,
0.4661

■ 76.6817, 0.3046,
0.5022

■ 74.6043, 0.3030,
0.5359

■ 73.1197, 0.3017,
0.5643

■ 72.1661, 0.3007,
0.5848

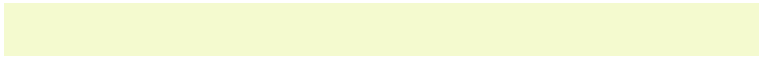
■ 71.6679, 0.3002,
0.5964

■ 71.5201, 0.3000,
0.6000

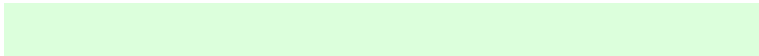
Harmonies

Analogous

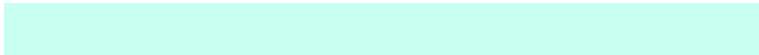
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9030, 0.3351, 0.3723



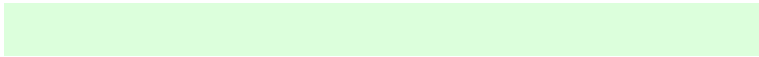
91.9030, 0.3110, 0.3655



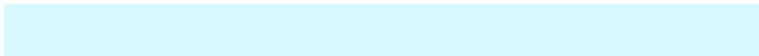
91.9030, 0.2880, 0.3476

Triad

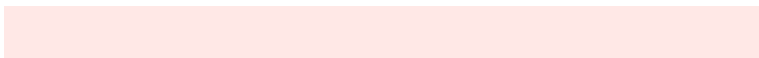
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.9030, 0.3110, 0.3655



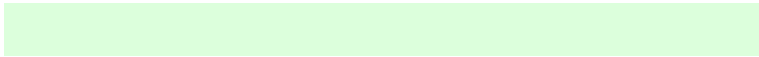
91.9030, 0.2728, 0.2913



91.9030, 0.3551, 0.3310

Complementary

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



91.9030, 0.3110, 0.3655



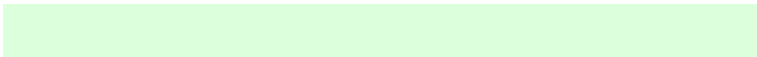
79.6750, 0.3143, 0.2950

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.



91.9030, 0.3372, 0.3111



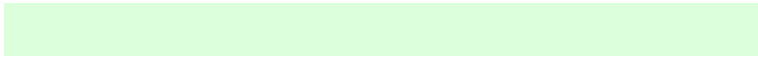
91.9030, 0.3110, 0.3655



91.9030, 0.2895, 0.2887

Square

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



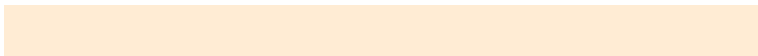
91.9030, 0.3110, 0.3655



91.9030, 0.2665, 0.3041



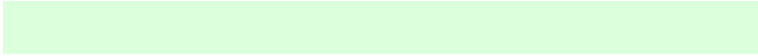
91.9030, 0.3130, 0.2959



91.9030, 0.3612, 0.3512

Rectangle

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



91.9030, 0.3110, 0.3655



91.9030, 0.2762, 0.3324



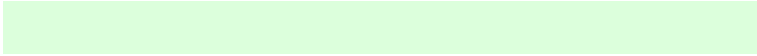
91.9030, 0.3130, 0.2959



91.9030, 0.3503, 0.3241

Sweetspot

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



91.9069, 0.3110, 0.3655



97.4770, 0.3122, 0.3390



97.9482, 0.3333, 0.3631



20.7658, 0.3122, 0.3409



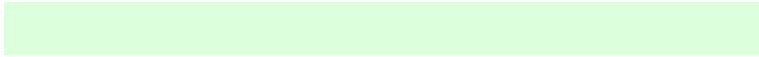
0.0000, 0.0000, 0.0000



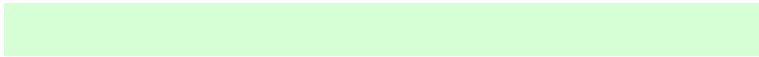
21.4041, 0.3127, 0.3290

Same Dimension

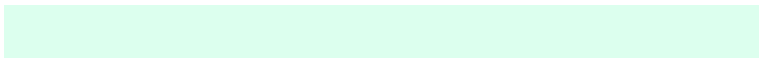
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.9069, 0.3110, 0.3655



90.7119, 0.3107, 0.3722



92.8825, 0.3012, 0.3469



20.1682, 0.3116, 0.3536



37.3708, 0.3000, 0.6000



3.6387, 0.3000, 0.6000

Inverse Universe

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



79.6750, 0.3143, 0.2950



76.6740, 0.3146, 0.2893



78.5996, 0.3260, 0.3117



18.3004, 0.3138, 0.3056



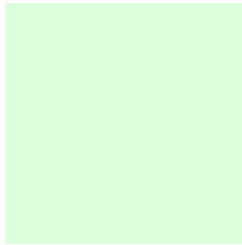
14.8800, 0.3210, 0.1542



1.4488, 0.3210, 0.1542

Previews

White Background



This preview shows how the Yxy color 91.9030, 0.3110, 0.3655 looks on a white background.

Color Contrast Check

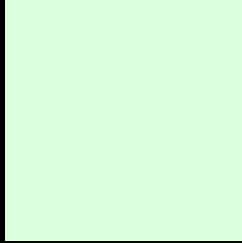
Large Text (above 18pt) WCAG AA × Fail

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 91.9030, 0.3110, 0.3655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

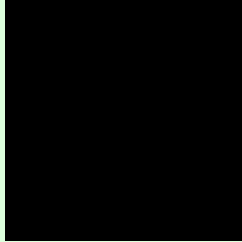
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

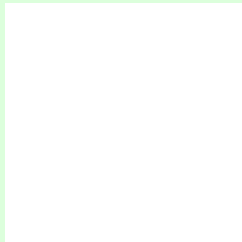
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9030, 0.3110, 0.3655

Background



This preview shows how black text looks on a background with the Yxy color 91.9030, 0.3110, 0.3655.

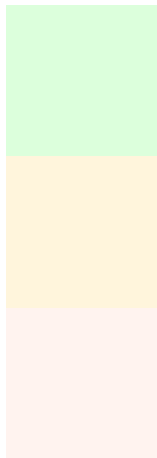


This preview shows how white text looks on a background with the Yxy color 91.9030, 0.3110, 0.3655.

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

91.9030, 0.3110, 0.3655

Protanopia

91.7321, 0.3347, 0.3537

Deuteranopia

91.5932, 0.3230, 0.3329



Tritanopia

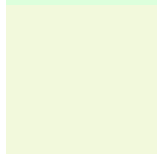
91.9187, 0.3024, 0.3211

Trichromacy



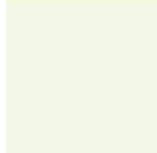
Original Color

91.9030, 0.3110, 0.3655



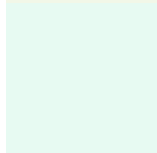
Protanomaly

91.7959, 0.3255, 0.3582



Deuteranomaly

91.2250, 0.3185, 0.3440



Tritanomaly

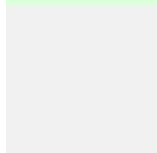
91.7709, 0.3055, 0.3371

Monochromacy



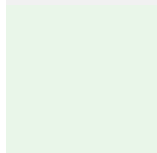
Original Color

91.9030, 0.3110, 0.3655



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.1184, 0.3121, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9030, 0.3110, 0.3655 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, 220)` looks like.

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

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, 220) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 91.9030, 0.3110, 0.3655 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, 220) }
```

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

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

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, 220)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 91.9030, 0.3110, 0.3655 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, 220) }
```

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

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

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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