

Converting Colors

$Yxy(91.0755, 0.3064, 0.3641)$

Have a look what the booklet for
Yxy(91.0755, 0.3064, 0.3641)
contains.

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Color

Yxy(91.0901, 0.3062, 0.3638)

Conversions

Conversions Part 1

Format	Color
Hex	D6FFDE
RGB	214, 255, 222
RGB Percent	84%, 100%, 87%
CMY	0.1609, 0.0000, 0.1295
CMYK	0.16, 0.00, 0.13, 0.00
HSL	132°, 100%, 92%
HSV	132°, 16%, 100%
XYZ	76.6679, 91.0901, 82.6271
YIQ	238.9790, -13.8430, -18.9550

Conversions

Conversions Part 2

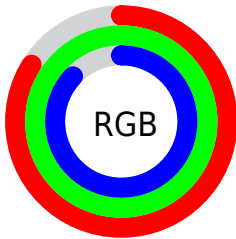
Format	Color
R_YB	214, 248, 255
Decimal	14090206
CIE _{Lab}	96.45, -19.25, 11.45
CIE _{LCh}	96, 22.396, 149.254
Yxy	91.0901, 0.3062, 0.3638
Android (android.graphics.Color)	4292280286 (0xFFD6FFDE)
YUV	238.9790, -8.3706, -21.9066
Hunter-Lab	95.4411, -23.6328, 15.4791

Details

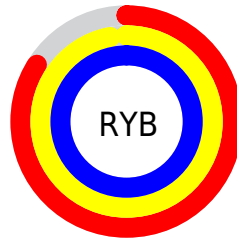
The Yxy color **91.0901, 0.3062, 0.3638** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.0576, 0.3200, 0.2965**, and the grayscale version is **86.3650, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.5491, 0.3046, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **86.5099, 0.3022, 0.3890**, and if you desaturate by 10%, it is **96.3950, 0.3103, 0.3413**.

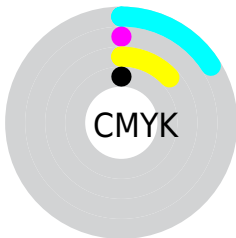
Distribution



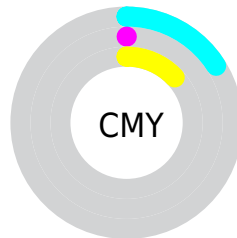
- Red (84%)
- Green (100%)
- Blue (87%)



- Red (84%)
- Yellow (97%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.0901, 0.3062, 0.3638 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 91.0901, 0.3062, 0.3638 by changing the saturation by 10% instead.


 91.0901, 0.3062,
0.3638

 91.0901, 0.3062,
0.3638


531.5706, 0.3093,
0.3479

 68.8851, 0.3055,
0.3674

148.8517, 0.3073,
0.3583

 50.6182, 0.3046,
0.3718


185.1770, 0.3077,
0.3562

 35.9048, 0.3034,
0.3773


226.9780, 0.3081,
0.3544

 24.3607, 0.3019,
0.3844

274.6390, 0.3084,
0.3527

 15.6014, 0.2998,
0.3940

328.5443, 0.3087,
0.3513

 9.2425, 0.2967,
0.4076

389.0784, 0.3089,

 4.8997, 0.2917,

0.3501

0.4284

456.6257, 0.3091,
0.3489

■ 2.1885, 0.2826,
0.4635

■ 0.7137, 0.2261,
0.7739

■ 91.0901, 0.3062,
0.3638

■ 91.0901, 0.3062,
0.3638

■ 86.5099, 0.3022,
0.3890

■ 96.3950, 0.3103,
0.3413

■ 82.6367, 0.2985,
0.4167

100.0000, 0.3127,
0.3290

■ 79.4302, 0.2952,
0.4463

■ 76.8522, 0.2927,
0.4770

■ 74.8607, 0.2913,
0.5072

■ 73.4081, 0.2911,
0.5352

■ 72.4395, 0.2922,
0.5592

■ 71.8871, 0.2945,
0.5777

■ 71.7476, 0.2954,
0.5833

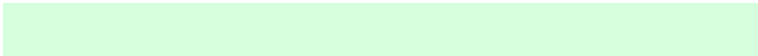
Harmonies

Analogous

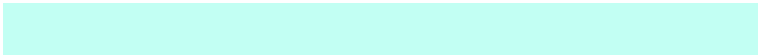
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.0901, 0.3313, 0.3732



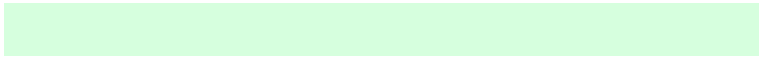
91.0901, 0.3062, 0.3638



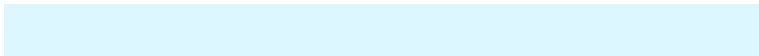
91.0901, 0.2835, 0.3438

Triad

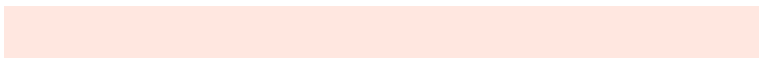
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.0901, 0.3062, 0.3638



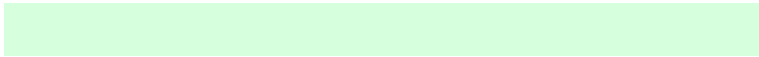
91.0901, 0.2742, 0.2890



91.0901, 0.3585, 0.3350

Complementary

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



91.0901, 0.3062, 0.3638



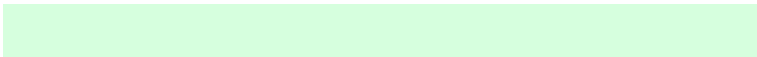
76.0576, 0.3200, 0.2965

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.



91.0901, 0.3420, 0.3143



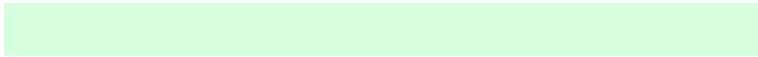
91.0901, 0.3062, 0.3638



91.0901, 0.2930, 0.2883

Square

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



91.0901, 0.3062, 0.3638



91.0901, 0.2656, 0.3002



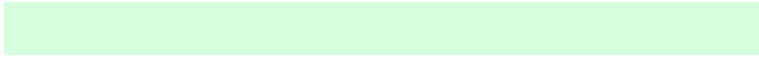
91.0901, 0.3178, 0.2975



91.0901, 0.3621, 0.3552

Rectangle

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



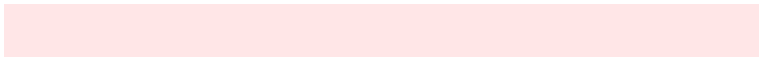
91.0901, 0.3062, 0.3638



91.0901, 0.2726, 0.3279



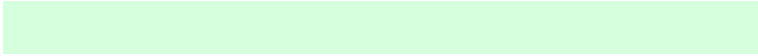
91.0901, 0.3178, 0.2975



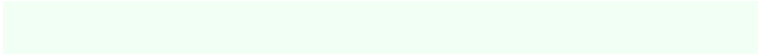
91.0901, 0.3543, 0.3279

Sweetspot

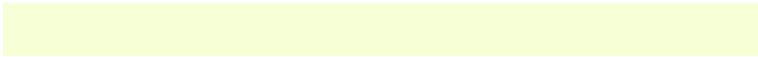
The Sweet Spot groups the original color and five complimentary colors.



91.0852, 0.3062, 0.3638



97.0179, 0.3107, 0.3391



96.2353, 0.3320, 0.3697



20.6794, 0.3104, 0.3405



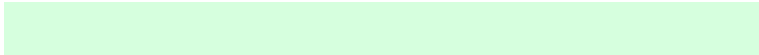
0.0000, 0.0000, 0.0000



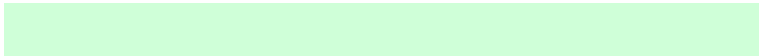
21.4041, 0.3127, 0.3290

Same Dimension

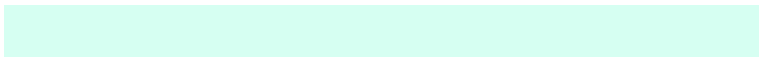
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.0852, 0.3062, 0.3638



89.6781, 0.3050, 0.3708



92.2242, 0.2952, 0.3424



20.2260, 0.3089, 0.3487



37.5060, 0.2948, 0.5811



3.6662, 0.2894, 0.5619

Inverse Universe

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



76.0576, 0.3200, 0.2965



72.2947, 0.3215, 0.2905



74.8861, 0.3340, 0.3160



18.2361, 0.3168, 0.3101



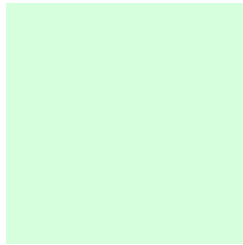
13.4413, 0.3775, 0.1853



1.3235, 0.3698, 0.1811

Previews

White Background



This preview shows how the Yxy color 91.0901, 0.3062, 0.3638 looks on a white background.

Color Contrast Check

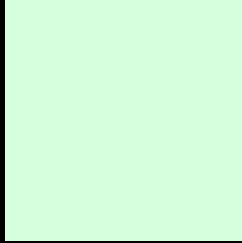
Large Text (above 18pt) WCAG AA × Fail

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 91.0901, 0.3062, 0.3638 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

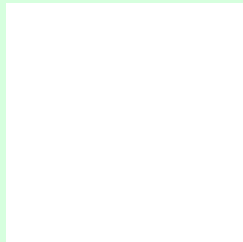
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.0901, 0.3062, 0.3638

Background



This preview shows how black text looks on a background with the Yxy color 91.0901, 0.3062, 0.3638.

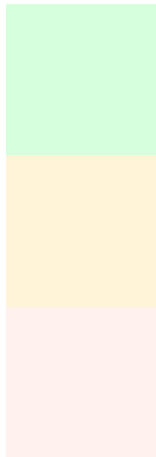


This preview shows how white text looks on a background with the Yxy color 91.0901, 0.3062, 0.3638.

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

91.0901, 0.3062, 0.3638

Protanopia

90.9192, 0.3373, 0.3567

Deuteranopia

90.3436, 0.3238, 0.3320



Tritanopia

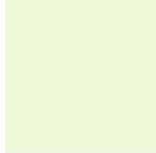
90.7937, 0.3006, 0.3200

Trichromacy



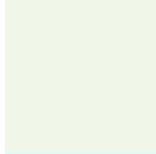
Original Color

91.0901, 0.3062, 0.3638



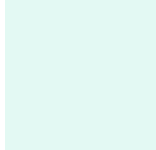
Protanomaly

90.7220, 0.3255, 0.3595



Deuteranomaly

90.2630, 0.3172, 0.3431



Tritanomaly

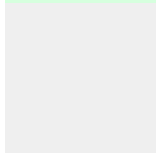
90.5533, 0.3024, 0.3351

Monochromacy



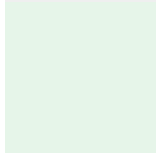
Original Color

91.0901, 0.3062, 0.3638



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.0110, 0.3102, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.0901, 0.3062, 0.3638 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(214, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 222)  
}
```

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(214, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 222) }
```

Border

The CSS property to change the border of an element to Yxy 91.0901, 0.3062, 0.3638 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(214, 255, 222) }
```

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

```
.border{ border-color:rgb(214, 255, 222) }
```

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

Here you see how a box with a 4 pixel rgb(214, 255, 222) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 222);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 91.0901, 0.3062, 0.3638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 222) }
```

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

```
.background{ background-color: rgb(214,  
255, 222) }
```

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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