

Converting Colors

$Yxy(89.9311, 0.3027, 0.3660)$

Have a look what the booklet for
Yxy(89.9311, 0.3027, 0.3660)
contains.

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Color

Yxy(89.9527, 0.3031, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	CFFFDC
RGB	207, 255, 220
RGB Percent	81%, 100%, 86%
CMY	0.1882, 0.0000, 0.1373
CMYK	0.19, 0.00, 0.14, 0.00
HSL	136°, 100%, 91%
HSV	136°, 19%, 100%
XYZ	74.4123, 89.9527, 81.1391
YIQ	236.6580, -17.3730, -21.0610

Conversions

Conversions Part 2

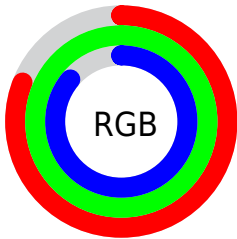
Format	Color
R _Y B	207, 245, 255
Decimal	13631452
CIE Lab	95.98, -21.83, 11.74
CIE LCh	96, 24.789, 151.730
Yxy	89.9527, 0.3031, 0.3664
Android (android.graphics.Color)	4291821532 (0xFFCFFFDC)
YUV	236.6580, -8.2124, -26.0101
Hunter-Lab	94.8434, -25.9283, 15.6674

Details

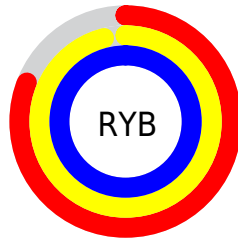
The Yxy color **89.9527, 0.3031, 0.3664** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.3079, 0.3239, 0.2943**, and the grayscale version is **84.4884, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.7802, 0.3007, 0.3748** is the 20% darker color. If you saturate the color by 10%, you get **85.6414, 0.2982, 0.3898**, and if you desaturate by 10%, it is **94.9709, 0.3082, 0.3455**.

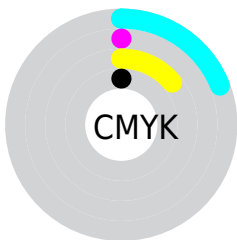
Distribution



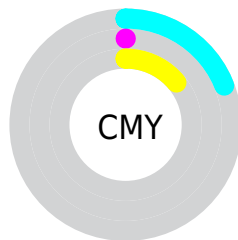
- Red (81%)
- Green (100%)
- Blue (86%)



- Red (81%)
- Yellow (96%)
- Blue (100%)



- Cyan (19%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.9527, 0.3031, 0.3664 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 89.9527, 0.3031, 0.3664 by changing the saturation by 10% instead.


 89.9527, 0.3031,
0.3664

 89.9527, 0.3031,
0.3664


527.8770, 0.3076,
0.3493

 67.9414, 0.3021,
0.3703

147.2727, 0.3047,
0.3605

 49.8501, 0.3008,
0.3750


183.3502, 0.3053,
0.3582

 35.2943, 0.2991,
0.3810


224.8852, 0.3058,
0.3562

 23.8897, 0.2969,
0.3888

272.2621, 0.3063,
0.3545

 15.2518, 0.2939,
0.3994

325.8654, 0.3067,
0.3529

 8.9963, 0.2896,
0.4144

386.0794, 0.3070,

 4.7388, 0.2826,

0.3516

0.4373

453.2884, 0.3073,
0.3504

■ 2.0948, 0.2701,
0.4768

■ 0.6617, 0.1267,
0.8733

■ 89.9527, 0.3031,
0.3664

■ 89.9527, 0.3031,
0.3664

■ 85.6414, 0.2982,
0.3898

■ 94.9709, 0.3082,
0.3455

■ 81.9991, 0.2937,
0.4153

100.0000, 0.3127,
0.3290

■ 78.9930, 0.2900,
0.4426

■ 76.5857, 0.2874,
0.4708

■ 74.7354, 0.2861,
0.4989

■ 73.3946, 0.2863,
0.5252

■ 72.5077, 0.2881,
0.5485

■ 71.9959, 0.2912,
0.5675

■ 71.9485, 0.2915,
0.5695

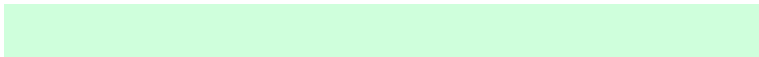
Harmonies

Analogous

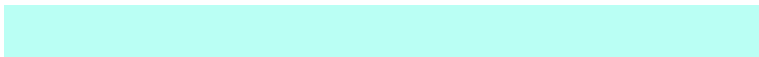
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.9527, 0.3310, 0.3780



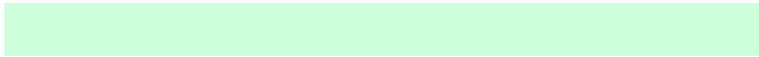
89.9527, 0.3031, 0.3664



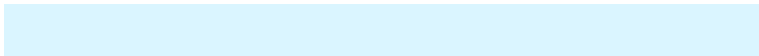
89.9527, 0.2786, 0.3433

Triad

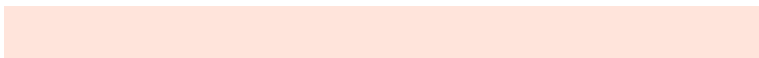
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9527, 0.3031, 0.3664



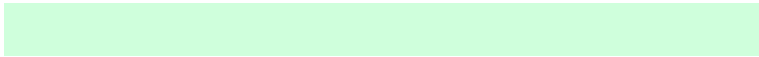
89.9527, 0.2714, 0.2842



89.9527, 0.3646, 0.3375

Complementary

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



89.9527, 0.3031, 0.3664



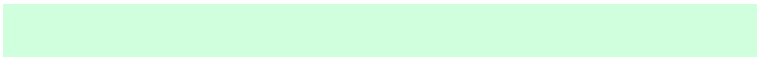
72.3079, 0.3239, 0.2943

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.



89.9527, 0.3472, 0.3144



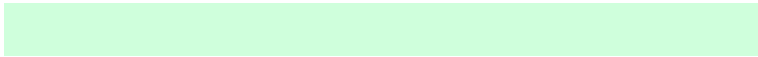
89.9527, 0.3031, 0.3664



89.9527, 0.2929, 0.2845

Square

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



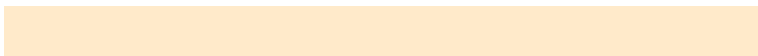
89.9527, 0.3031, 0.3664



89.9527, 0.2608, 0.2955



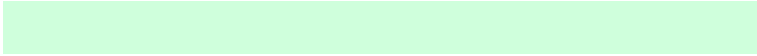
89.9527, 0.3206, 0.2954



89.9527, 0.3673, 0.3596

Rectangle

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



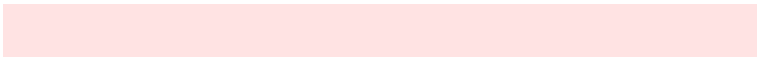
89.9527, 0.3031, 0.3664



89.9527, 0.2672, 0.3255



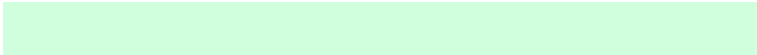
89.9527, 0.3206, 0.2954



89.9527, 0.3603, 0.3296

Sweetspot

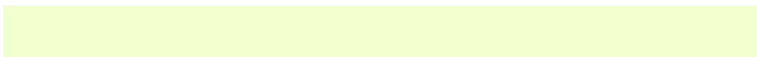
The Sweet Spot groups the original color and five complimentary colors.



89.9547, 0.3031, 0.3664



96.5144, 0.3096, 0.3400



94.9395, 0.3327, 0.3773



20.5803, 0.3093, 0.3413



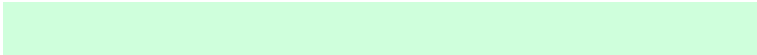
0.0000, 0.0000, 0.0000



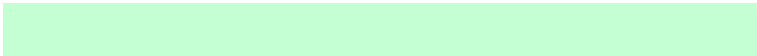
21.4041, 0.3127, 0.3290

Same Dimension

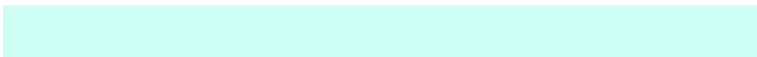
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9547, 0.3031, 0.3664



88.0663, 0.3010, 0.3759



91.3080, 0.2902, 0.3406



20.2488, 0.3078, 0.3468



37.6158, 0.2908, 0.5668



3.6798, 0.2848, 0.5451

Inverse Universe

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



72.3079, 0.3239, 0.2943



67.1389, 0.3269, 0.2863



70.9683, 0.3413, 0.3177



18.2117, 0.3180, 0.3118



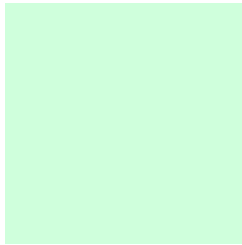
12.9896, 0.4038, 0.1998



1.2830, 0.3921, 0.1934

Previews

White Background



This preview shows how the Yxy color 89.9527, 0.3031, 0.3664 looks on a white background.

Color Contrast Check

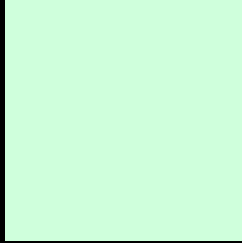
Large Text (above 18pt) WCAG AA × Fail

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 89.9527, 0.3031, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

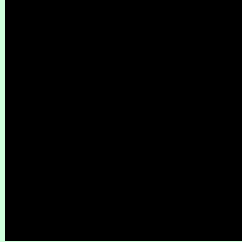
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

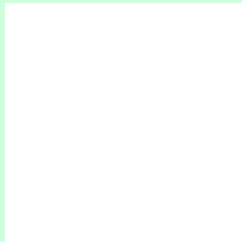
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.9527, 0.3031, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 89.9527, 0.3031, 0.3664.



This preview shows how white text looks on a background with the Yxy color 89.9527, 0.3031, 0.3664.

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

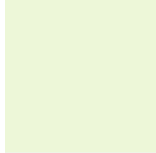
89.5137, 0.2981, 0.3190

Trichromacy



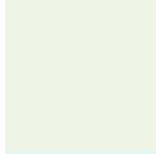
Original Color

89.9527, 0.3031, 0.3664



Protanomaly

89.4839, 0.3248, 0.3607



Deuteranomaly

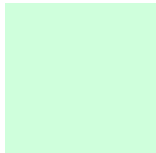
89.1951, 0.3172, 0.3442



Tritanomaly

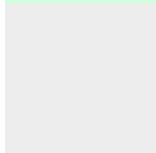
89.6918, 0.2999, 0.3362

Monochromacy



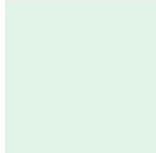
Original Color

89.9527, 0.3031, 0.3664



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.6396, 0.3089, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.9527, 0.3031, 0.3664 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(207, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 220) }
```

Border

The CSS property to change the border of an element to Yxy 89.9527, 0.3031, 0.3664 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(207, 255, 220) }
```

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

```
.border{ border-color:rgb(207, 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(207, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 89.9527, 0.3031, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 220) }
```

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

```
.background{ background-color: rgb(207,  
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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