

Converting Colors

$Yxy(89.0622, 0.3062, 0.3766)$

Have a look what the booklet for
Yxy(89.0622, 0.3062, 0.3766)
contains.

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Color

Yxy(89.0605, 0.3062, 0.3766)

Conversions

Conversions Part 1

Format	Color
Hex	CCFFD3
RGB	204, 255, 211
RGB Percent	80%, 100%, 83%
CMY	0.2002, 0.0000, 0.1725
CMYK	0.20, 0.00, 0.17, 0.00
HSL	128°, 100%, 90%
HSV	128°, 20%, 100%
XYZ	72.4119, 89.0605, 75.0133
YIQ	234.7350, -16.2720, -24.4960

Conversions

Conversions Part 2

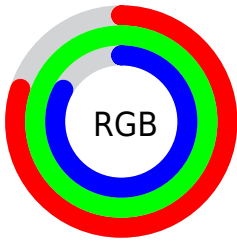
Format	Color
R _Y B	204, 249, 255
Decimal	13434835
CIE Lab	95.61, -24.40, 15.78
CIE LCh	96, 29.058, 147.101
Yxy	89.0605, 0.3062, 0.3766
Android (android.graphics.Color)	4291624915 (0xFFCCFFD3)
YUV	234.7350, -11.7014, -26.9546
Hunter-Lab	94.3719, -28.1870, 18.9325

Details

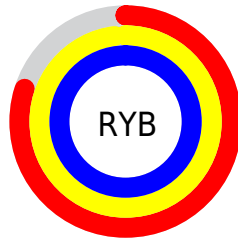
The Yxy color **89.0605, 0.3062, 0.3766** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.1975, 0.3200, 0.2857**, and the grayscale version is **82.9558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1780, 0.3046, 0.3882** is the 20% darker color. If you saturate the color by 10%, you get **84.7151, 0.3030, 0.4047**, and if you desaturate by 10%, it is **94.1355, 0.3095, 0.3513**.

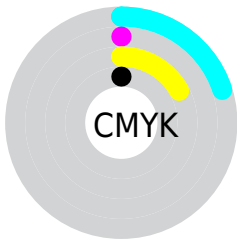
Distribution



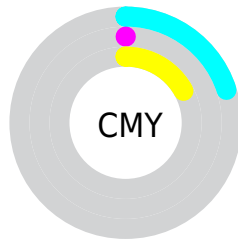
- Red (80%)
- Green (100%)
- Blue (83%)



- Red (80%)
- Yellow (98%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)




- Cyan (20%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 89.0605, 0.3062, 0.3766 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 89.0605, 0.3062, 0.3766 by changing the saturation by 10% instead.


 89.0605, 0.3062,
0.3766

 89.0605, 0.3062,
0.3766


524.9699, 0.3095,
0.3546

 67.2017, 0.3054,
0.3816


146.0327, 0.3074,
0.3690

 49.2486, 0.3044,
0.3878


181.9149, 0.3078,
0.3660

 34.8167, 0.3030,
0.3956


223.2403, 0.3082,
0.3635

 23.5217, 0.3012,
0.4057

270.3934, 0.3085,
0.3613

 14.9792, 0.2986,
0.4195

323.7585, 0.3088,
0.3593

 8.8048, 0.2946,
0.4392

383.7200, 0.3091,

 4.6141, 0.2878,

0.3576

0.4696

450.6624, 0.3093,
0.3560

■ 2.0227, 0.2752,
0.5235

■ 0.6206, 0.0000,
1.0000

■ 89.0605, 0.3062,
0.3766

■ 89.0605, 0.3062,
0.3766

■ 84.7151, 0.3030,
0.4047

■ 94.1355, 0.3095,
0.3513

■ 81.0808, 0.3000,
0.4353

99.9889, 0.3127,
0.3290

■ 78.1147, 0.2974,
0.4675

100.0000, 0.3127,
0.3290

■ 75.7756, 0.2956,
0.4997

■ 74.0180, 0.2946,
0.5301

■ 72.7900, 0.2947,
0.5566

■ 72.0301, 0.2958,
0.5771

■ 71.6431, 0.2975,
0.5909

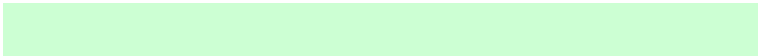
Harmonies

Analogous

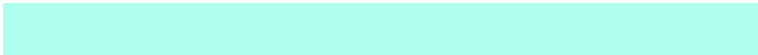
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0605, 0.3388, 0.3876



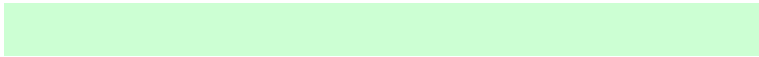
89.0605, 0.3062, 0.3766



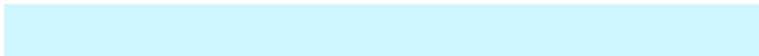
89.0605, 0.2764, 0.3505

Triad

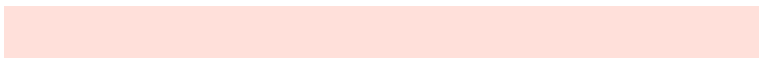
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.0605, 0.3062, 0.3766



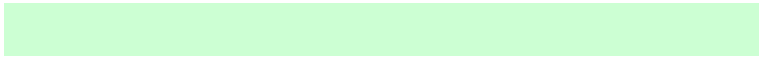
89.0605, 0.2615, 0.2777



89.0605, 0.3718, 0.3343

Complementary

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



89.0605, 0.3062, 0.3766



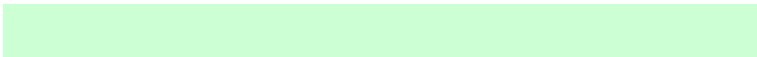
71.1975, 0.3200, 0.2857

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.



89.0605, 0.3490, 0.3080



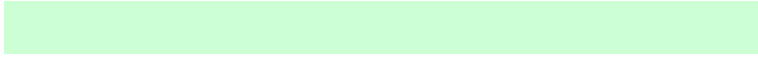
89.0605, 0.3062, 0.3766



89.0605, 0.2848, 0.2762

Square

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



89.0605, 0.3062, 0.3766



89.0605, 0.2516, 0.2926



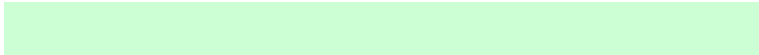
89.0605, 0.3167, 0.2872



89.0605, 0.3777, 0.3607

Rectangle

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



89.0605, 0.3062, 0.3766



89.0605, 0.2619, 0.3294



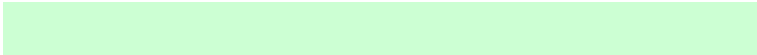
89.0605, 0.3167, 0.2872



89.0605, 0.3658, 0.3252

Sweetspot

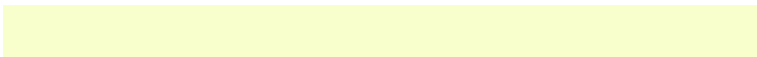
The Sweet Spot groups the original color and five complimentary colors.



89.0551, 0.3062, 0.3766



96.3926, 0.3108, 0.3420



95.8694, 0.3385, 0.3798



20.5516, 0.3106, 0.3435



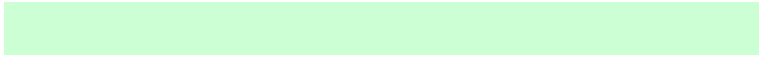
0.0000, 0.0000, 0.0000



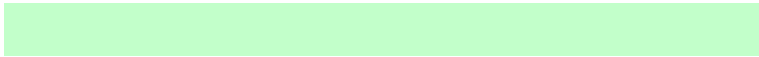
21.4041, 0.3127, 0.3290

Same Dimension

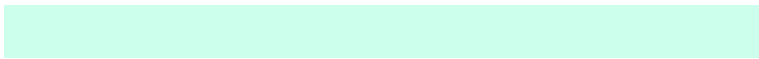
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0551, 0.3062, 0.3766



87.2400, 0.3049, 0.3875



90.4236, 0.2925, 0.3487



20.2091, 0.3097, 0.3501



37.4474, 0.2970, 0.5891



3.6580, 0.2924, 0.5728

Inverse Universe

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



71.1975, 0.3200, 0.2857



66.4410, 0.3217, 0.2768



69.7342, 0.3384, 0.3101



18.2546, 0.3159, 0.3088



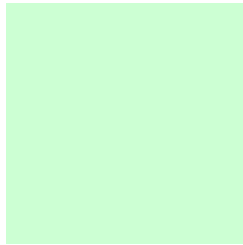
13.8175, 0.3594, 0.1753



1.3568, 0.3543, 0.1725

Previews

White Background



This preview shows how the Yxy color 89.0605, 0.3062, 0.3766 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 89.0605, 0.3062, 0.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

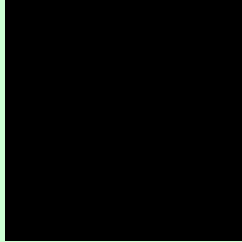
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

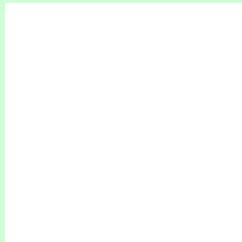
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.0605, 0.3062, 0.3766

Background



This preview shows how black text looks on a background with the Yxy color 89.0605, 0.3062, 0.3766.

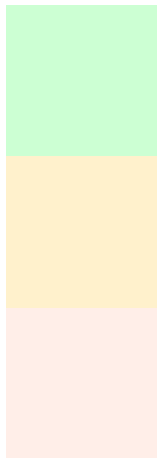


This preview shows how white text looks on a background with the Yxy color 89.0605, 0.3062, 0.3766.

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

89.0605, 0.3062, 0.3766

Protanopia

88.5302, 0.3455, 0.3659

Deuteranopia

88.2353, 0.3279, 0.3349



Tritanopia

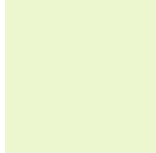
89.0188, 0.2962, 0.3189

Trichromacy



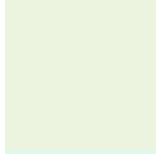
Original Color

89.0605, 0.3062, 0.3766



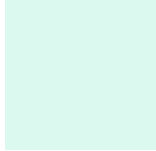
Protanomaly

88.2494, 0.3298, 0.3693



Deuteranomaly

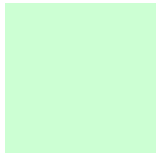
87.9161, 0.3196, 0.3495



Tritanomaly

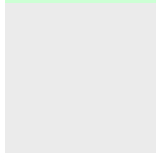
89.0434, 0.2998, 0.3393

Monochromacy



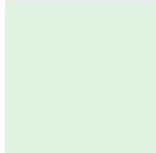
Original Color

89.0605, 0.3062, 0.3766



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.8425, 0.3106, 0.3458

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0605, 0.3062, 0.3766 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(204, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(204, 255, 211)  
}
```

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(204, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 255, 211) }
```

Border

The CSS property to change the border of an element to Yxy 89.0605, 0.3062, 0.3766 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(204, 255, 211) }
```

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

```
.border{ border-color:rgb(204, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(204, 255,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0605, 0.3062, 0.3766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 255, 211) }
```

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

```
.background{ background-color: rgb(204,  
255, 211) }
```

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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