

Converting Colors

Yxy(84.4184, 0.3031, 0.3819)

Have a look what the booklet for
Yxy(84.4184, 0.3031, 0.3819)
contains.

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Color

Yxy(84.5605, 0.3029, 0.3816)

Conversions

Conversions Part 1

Format	Color
Hex	C0FBCC
RGB	192, 251, 204
RGB Percent	75%, 98%, 80%
CMY	0.2473, 0.0156, 0.2000
CMYK	0.24, 0.00, 0.19, 0.02
HSL	132°, 88%, 87%
HSV	132°, 24%, 98%
XYZ	67.1210, 84.5605, 69.9131
YIQ	228.0010, -20.0770, -27.1250

Conversions

Conversions Part 2

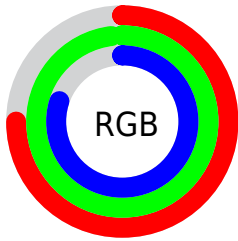
Format	Color
R _{YB}	192, 241, 251
Decimal	12647372
CIE Lab	93.69, -27.56, 16.58
CIE LCh	94, 32.165, 148.963
Yxy	84.5605, 0.3029, 0.3816
Android (android.graphics.Color)	4290837452 (0xFFC0FBCC)
YUV	228.0010, -11.8325, -31.5729
Hunter-Lab	91.9568, -30.6338, 19.2926

Details

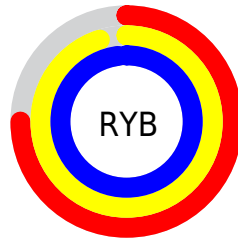
The Yxy color **84.5605, 0.3029, 0.3816** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **64.4092, 0.3244, 0.2816**, and the grayscale version is **77.6754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **46.1039, 0.2998, 0.3936** is the 20% darker color. If you saturate the color by 10%, you get **80.6658, 0.2990, 0.4083**, and if you desaturate by 10%, it is **89.1440, 0.3071, 0.3574**.

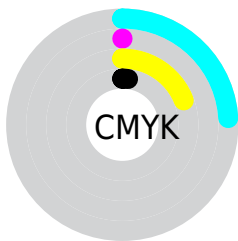
Distribution



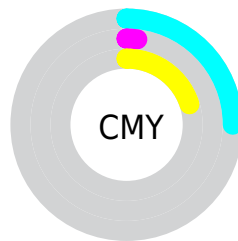
- Red (75%)
- Green (98%)
- Blue (80%)



- Red (75%)
- Yellow (95%)
- Blue (98%)



- Cyan (24%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)





- Cyan (25%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.5605, 0.3029, 0.3816 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 84.5605, 0.3029, 0.3816 by changing the saturation by 10% instead.

 84.5605, 0.3029,
0.3816

 84.5605, 0.3029,
0.3816


510.1727, 0.3078,
0.3570

 63.4783, 0.3017,
0.3873


 139.7590, 0.3047,
0.3730

 46.2283, 0.3002,
0.3943


174.6440, 0.3053,
0.3697

 32.4260, 0.2982,
0.4033


214.8988, 0.3059,
0.3668

 21.6871, 0.2956,
0.4150

260.9077, 0.3064,
0.3644

 13.6271, 0.2917,
0.4312

313.0552, 0.3068,
0.3622

 7.8618, 0.2858,
0.4546

371.7256, 0.3072,

 4.0066, 0.2758,

0.3603

0.4915

437.3032, 0.3075,
0.3585

■ 1.6773, 0.2616,
0.5712

■ 0.4089, 0.0000,
1.0000

■ 84.5605, 0.3029,
0.3816

■ 84.5605, 0.3029,
0.3816

■ 80.6658, 0.2990,
0.4083

■ 89.1440, 0.3071,
0.3574

■ 77.4161, 0.2955,
0.4372

■ 94.4362, 0.3112,
0.3360

■ 74.7793, 0.2927,
0.4674

■ 97.4871, 0.3129,
0.3252

■ 72.7160, 0.2909,
0.4976

■ 71.1824, 0.2904,
0.5262

■ 70.1279, 0.2912,
0.5514

■ 69.4917, 0.2933,
0.5717

■ 69.2488, 0.2949,
0.5817

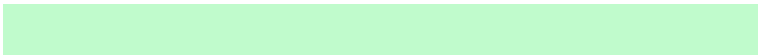
Harmonies

Analogous

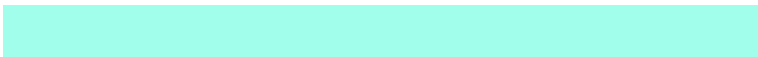
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.5605, 0.3396, 0.3951



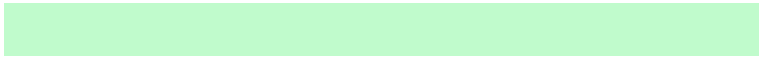
84.5605, 0.3029, 0.3816



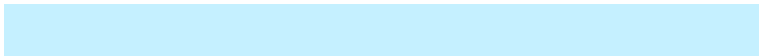
84.5605, 0.2701, 0.3511

Triad

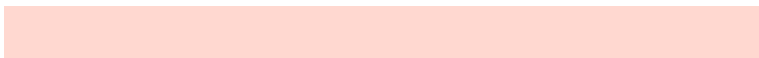
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.5605, 0.3029, 0.3816



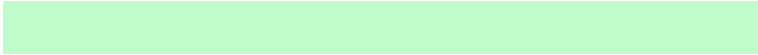
84.5605, 0.2566, 0.2709



84.5605, 0.3804, 0.3365

Complementary

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



84.5605, 0.3029, 0.3816



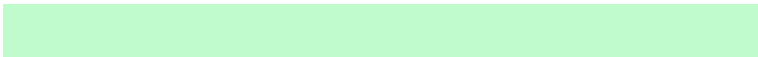
64.4092, 0.3244, 0.2816

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.



84.5605, 0.3555, 0.3070



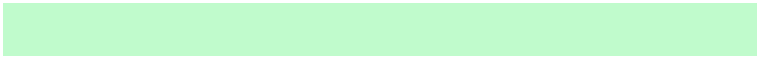
84.5605, 0.3029, 0.3816



84.5605, 0.2832, 0.2704

Square

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



84.5605, 0.3029, 0.3816



84.5605, 0.2446, 0.2864



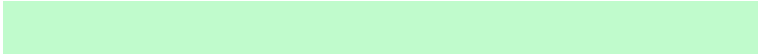
84.5605, 0.3193, 0.2835



84.5605, 0.3857, 0.3659

Rectangle

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



84.5605, 0.3029, 0.3816



84.5605, 0.2546, 0.3270



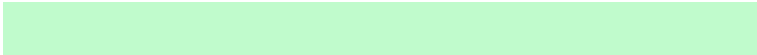
84.5605, 0.3193, 0.2835



84.5605, 0.3740, 0.3264

Sweetspot

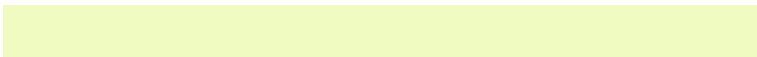
The Sweet Spot groups the original color and five complimentary colors.



84.5641, 0.3029, 0.3816



95.8892, 0.3098, 0.3431



91.1956, 0.3403, 0.3896



20.4521, 0.3095, 0.3444



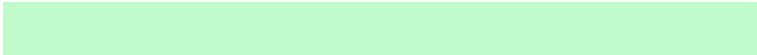
0.0000, 0.0000, 0.0000



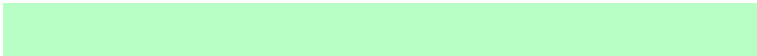
21.4041, 0.3127, 0.3290

Same Dimension

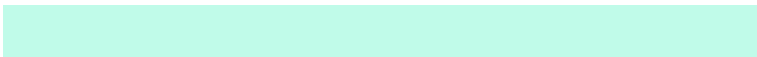
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.5641, 0.3029, 0.3816



85.7472, 0.3011, 0.3933



86.1041, 0.2870, 0.3482



19.3673, 0.3088, 0.3484



36.4099, 0.2943, 0.5794



3.3867, 0.2885, 0.5587

Inverse Universe

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



64.4092, 0.3244, 0.2816



61.6905, 0.3270, 0.2723



62.8166, 0.3472, 0.3107



17.4602, 0.3169, 0.3103



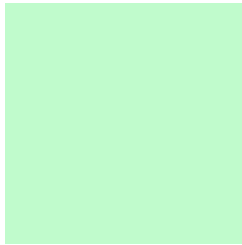
12.9868, 0.3806, 0.1870



1.2176, 0.3721, 0.1823

Previews

White Background



This preview shows how the Yxy color 84.5605, 0.3029, 0.3816 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 84.5605, 0.3029, 0.3816 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

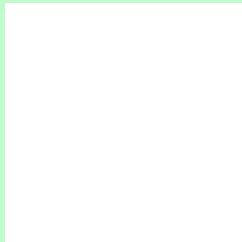
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.5605, 0.3029, 0.3816

Background



This preview shows how black text looks on a background with the Yxy color 84.5605, 0.3029, 0.3816.

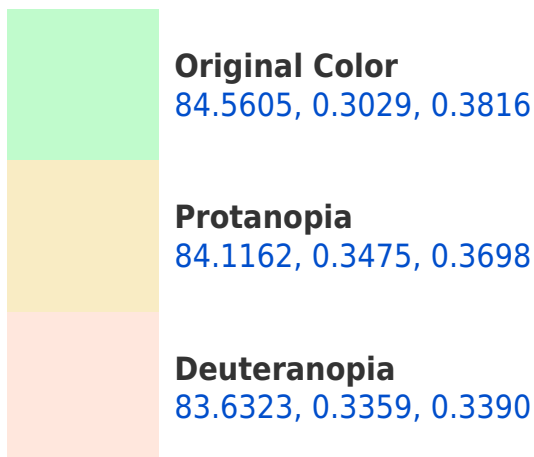


This preview shows how white text looks on a background with the Yxy color 84.5605, 0.3029, 0.3816.

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

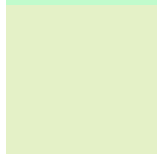
84.2767, 0.2871, 0.3144

Trichromacy



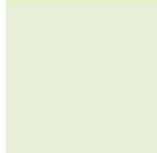
Original Color

84.5605, 0.3029, 0.3816



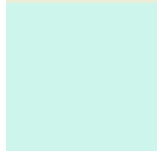
Protanomaly

83.5281, 0.3299, 0.3736



Deuteranomaly

83.2112, 0.3230, 0.3531



Tritanomaly

84.3401, 0.2929, 0.3386

Monochromacy



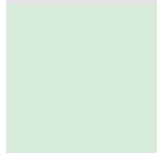
Original Color

84.5605, 0.3029, 0.3816



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

79.5525, 0.3092, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.5605, 0.3029, 0.3816 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(192, 251, 204)` looks like.

```
.text, #text, p{  
    color:rgb(192, 251, 204)  
}
```

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(192, 251, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 251, 204) }
```

Border

The CSS property to change the border of an element to Yxy 84.5605, 0.3029, 0.3816 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(192, 251, 204) }
```

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

```
.border{ border-color:rgb(192, 251, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 251, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 251, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 251, 204);  
box-shadow:4px 4px 4px 4px rgb(192, 251,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 84.5605, 0.3029, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 251, 204) }
```

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

```
.background{ background-color: rgb(192,  
251, 204) }
```

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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