

Converting Colors

Yxy(77.6634, 0.3041, 0.3663)

Have a look what the booklet for
Yxy(77.6634, 0.3041, 0.3663)
contains.

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Color

Yxy(77.7913, 0.3039, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	C3EFCE
RGB	195, 239, 206
RGB Percent	76%, 94%, 81%
CMY	0.2351, 0.0628, 0.1922
CMYK	0.18, 0.00, 0.14, 0.06
HSL	135°, 58%, 85%
HSV	135°, 18%, 94%
XYZ	64.5218, 77.7913, 69.9994
YIQ	222.0820, -15.6310, -19.5910

Conversions

Conversions Part 2

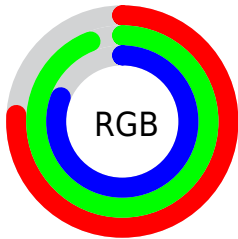
Format	Color
RYB	195, 230, 239
Decimal	12840910
CIELab	90.68, -20.41, 11.33
CIELCh	91, 23.346, 150.980
Yxy	77.7913, 0.3039, 0.3664
Android (android.graphics.Color)	4291030990 (0xFFC3EFCE)
YUV	222.0820, -7.9284, -23.7509
Hunter-Lab	88.1994, -23.7682, 14.6841

Details

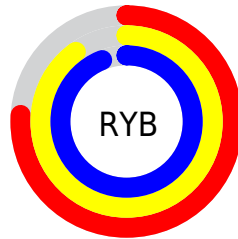
The Yxy color **77.7913, 0.3039, 0.3664** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.0091, 0.3229, 0.2943**, and the grayscale version is **73.1811, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **41.7967, 0.3015, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **74.0373, 0.2993, 0.3903**, and if you desaturate by 10%, it is **82.1610, 0.3087, 0.3450**.

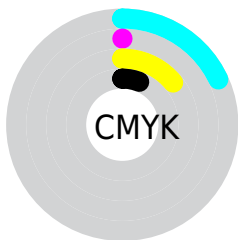
Distribution



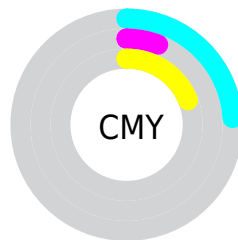
- Red (76%)
- Green (94%)
- Blue (81%)



- Red (76%)
- Yellow (90%)
- Blue (94%)



- Cyan (18%)
- Magenta (0%)
- Yellow (14%)
- Black (6%)



- Cyan (24%)
- Magenta (6%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.7913, 0.3039, 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 77.7913, 0.3039, 0.3664 by changing the saturation by 10% instead.

77.7913, 0.3039,
0.3664

77.7913, 0.3039,
0.3664

487.4578, 0.3082,
0.3488

57.9026, 0.3029,
0.3705

130.2559, 0.3054,
0.3602

41.7303, 0.3016,
0.3756

163.6005, 0.3060,
0.3579

28.8902, 0.2999,
0.3821

202.1992, 0.3065,
0.3558

18.9978, 0.2977,
0.3907

246.4364, 0.3069,
0.3541

11.6687, 0.2945,
0.4026

296.6964, 0.3073,
0.3525

6.5185, 0.2897,
0.4201


353.3638, 0.3076,


3.1628, 0.2815,


0.3511


0.4484


416.8227, 0.3079,
0.3499


 1.2173, 0.2676,
0.5204


 0.0758, 0.0000,
1.0000


 77.7913, 0.3039,
0.3664


 77.7913, 0.3039,
0.3664


 74.0373, 0.2993,
0.3903


 82.1610, 0.3087,
0.3450

 70.8617, 0.2950,
0.4164

 87.1625, 0.3135,
0.3261

 68.2382, 0.2915,
0.4443

 90.2095, 0.3134,
0.3136

 66.1343, 0.2889,
0.4732

■ 64.5143, 0.2876,
0.5017

■ 63.3376, 0.2877,
0.5285

■ 62.5570, 0.2893,
0.5519

■ 62.1063, 0.2922,
0.5707

■ 62.0502, 0.2926,
0.5733

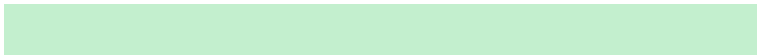
Harmonies

Analogous

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



77.7913, 0.3315, 0.3776



77.7913, 0.3039, 0.3664



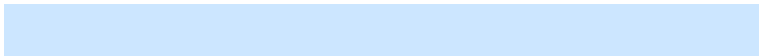
77.7913, 0.2795, 0.3438

Triad

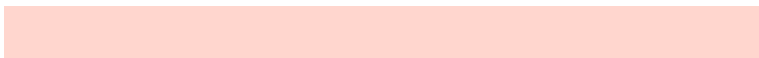
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7913, 0.3039, 0.3664



77.7913, 0.2714, 0.2848



77.7913, 0.3638, 0.3368

Complementary

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



77.7913, 0.3039, 0.3664



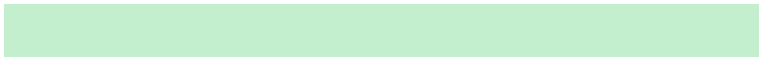
63.0091, 0.3229, 0.2943

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.



77.7913, 0.3463, 0.3140



77.7913, 0.3039, 0.3664



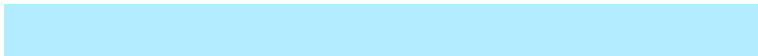
77.7913, 0.2925, 0.2848

Square

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



77.7913, 0.3039, 0.3664



77.7913, 0.2613, 0.2963



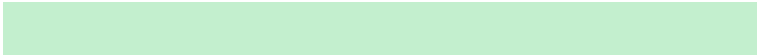
77.7913, 0.3198, 0.2954



77.7913, 0.3668, 0.3587

Rectangle

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



77.7913, 0.3039, 0.3664



77.7913, 0.2680, 0.3262



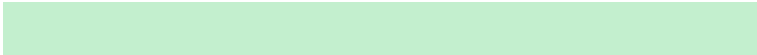
77.7913, 0.3198, 0.2954



77.7913, 0.3594, 0.3290

Sweetspot

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



77.7946, 0.3039, 0.3664



96.4946, 0.3098, 0.3403



82.2876, 0.3332, 0.3758



20.5756, 0.3095, 0.3416



0.0000, 0.0000, 0.0000



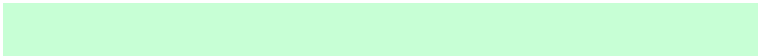
21.4041, 0.3127, 0.3290

Same Dimension

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



77.7946, 0.3039, 0.3664



88.4455, 0.3022, 0.3749



78.9002, 0.2916, 0.3419



17.7209, 0.3082, 0.3472



34.3099, 0.2919, 0.5708



2.8697, 0.2850, 0.5459

Inverse Universe

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



63.0091, 0.3229, 0.2943



68.4140, 0.3253, 0.2871



61.8982, 0.3393, 0.3165



15.9603, 0.3176, 0.3114



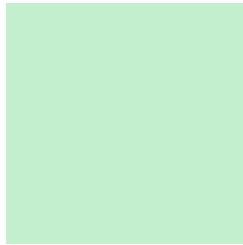
11.9733, 0.3958, 0.1954



1.0118, 0.3838, 0.1888

Previews

White Background



This preview shows how the Yxy color 77.7913, 0.3039, 0.3664 looks on a white background.

Color Contrast Check

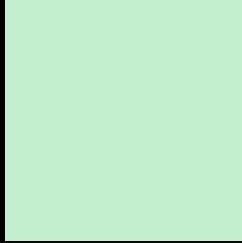
Large Text (above 18pt) WCAG AA × Fail

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 77.7913, 0.3039, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

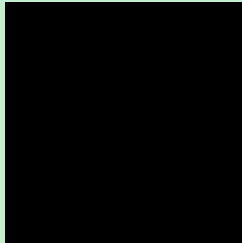
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

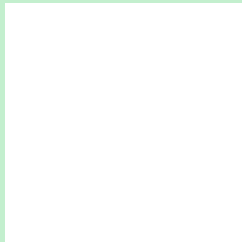
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.7913, 0.3039, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 77.7913, 0.3039, 0.3664.

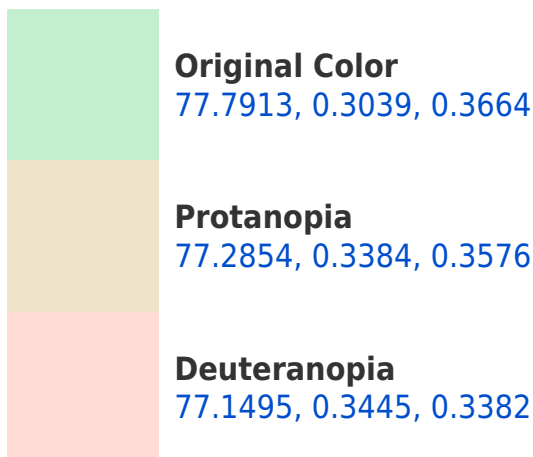


This preview shows how white text looks on a background with the Yxy color 77.7913, 0.3039, 0.3664.

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

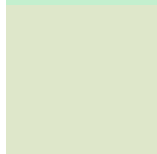
77.9394, 0.2828, 0.3097

Trichromacy



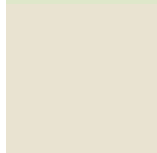
Original Color

77.7913, 0.3039, 0.3664



Protanomaly

76.9457, 0.3251, 0.3606



Deuteranomaly

76.8653, 0.3288, 0.3482



Tritanomaly

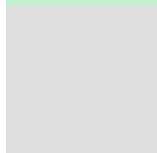
77.6942, 0.2901, 0.3289

Monochromacy



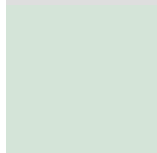
Original Color

77.7913, 0.3039, 0.3664



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

74.4417, 0.3093, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.7913, 0.3039, 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(195, 239, 206)` looks like.

```
.text, #text, p{  
    color:rgb(195, 239, 206)  
}
```

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(195, 239, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 239, 206) }
```

Border

The CSS property to change the border of an element to Yxy 77.7913, 0.3039, 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(195, 239, 206) }
```

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

```
.border{ border-color:rgb(195, 239, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 239, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 239, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 239, 206); box-shadow:4px 4px 4px 4px rgb(195, 239, 206) }
```


Background

The CSS property to change the background color of an element to Yxy 77.7913, 0.3039, 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(195, 239, 206) }
```

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

```
.background{ background-color: rgb(195,  
239, 206) }
```

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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