

Converting Colors

$Yxy(78.3268, 0.3038, 0.3573)$

Have a look what the booklet for
Yxy(78.3268, 0.3038, 0.3573)
contains.

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Color

Yxy(78.3707, 0.3036, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	C9EED5
RGB	201, 238, 213
RGB Percent	79%, 93%, 84%
CMY	0.2118, 0.0666, 0.1648
CMYK	0.16, 0.00, 0.11, 0.07
HSL	139°, 52%, 86%
HSV	139°, 16%, 93%
XYZ	66.6667, 78.3707, 74.5499
YIQ	224.0870, -14.0270, -15.6190

Conversions

Conversions Part 2

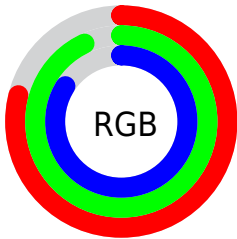
Format	Color
R _Y B	201, 229, 238
Decimal	13233877
CIE Lab	90.95, -16.74, 8.12
CIE LCh	91, 18.602, 154.122
Yxy	78.3707, 0.3036, 0.3569
Android (android.graphics.Color)	4291423957 (0xFFC9EED5)
YUV	224.0870, -5.4659, -20.2473
Hunter-Lab	88.5272, -20.5007, 12.0402

Details

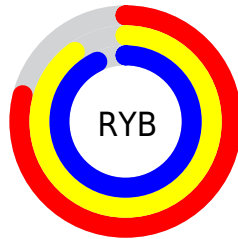
The Yxy color **78.3707, 0.3036, 0.3569** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.4372, 0.3232, 0.3026**, and the grayscale version is **74.6531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1276, 0.3019, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **74.5504, 0.2979, 0.3776**, and if you desaturate by 10%, it is **82.7898, 0.3095, 0.3384**.

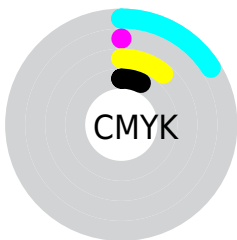
Distribution



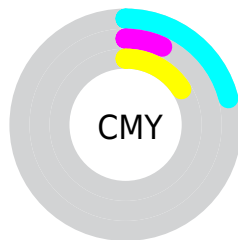
- Red (79%)
- Green (93%)
- Blue (84%)



- Red (79%)
- Yellow (90%)
- Blue (93%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)




- Cyan (21%)
- Magenta (7%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3707, 0.3036, 0.3569 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 78.3707, 0.3036, 0.3569 by changing the saturation by 10% instead.


 78.3707, 0.3036,
0.3569

 78.3707, 0.3036,
0.3569


489.4249, 0.3079,
0.3439

 58.3785, 0.3026,
0.3599

131.0726, 0.3051,
0.3524

 42.1131, 0.3014,
0.3636


164.5511, 0.3057,
0.3506

 29.1898, 0.2998,
0.3684

203.2938, 0.3062,
0.3491

 19.2245, 0.2976,
0.3746

247.6852, 0.3066,
0.3478

 11.8326, 0.2947,
0.3832

298.1096, 0.3070,
0.3466

 6.6298, 0.2904,
0.3958

354.9514, 0.3073,

 3.2317, 0.2833,

0.3456

418.5950, 0.3076,
0.3447

0.4159

1.2538, 0.2704,
0.4560

0.1050, 0.0000,
1.0000

78.3707, 0.3036,
0.3569

78.3707, 0.3036,
0.3569

74.5504, 0.2979,
0.3776

82.7898, 0.3095,
0.3384

71.2931, 0.2927,
0.4005

87.8218, 0.3153,
0.3220

68.5743, 0.2882,
0.4251

89.6355, 0.3135,
0.3127

66.3640, 0.2847,
0.4511

■ 64.6289, 0.2826,
0.4774

■ 63.3316, 0.2822,
0.5032

■ 62.4289, 0.2835,
0.5272

■ 61.8679, 0.2864,
0.5481

■ 61.6928, 0.2879,
0.5564

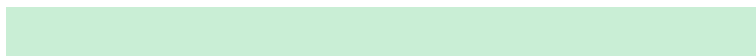
Harmonies

Analogous

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



78.3707, 0.3256, 0.3669



78.3707, 0.3036, 0.3569



78.3707, 0.2845, 0.3386

Triad

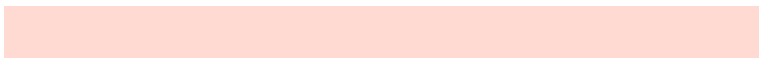
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3707, 0.3036, 0.3569



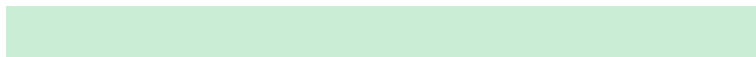
78.3707, 0.2811, 0.2932



78.3707, 0.3540, 0.3375

Complementary

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



78.3707, 0.3036, 0.3569



65.4372, 0.3232, 0.3026

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.



78.3707, 0.3413, 0.3190



78.3707, 0.3036, 0.3569



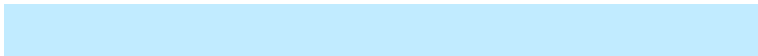
78.3707, 0.2988, 0.2940

Square

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



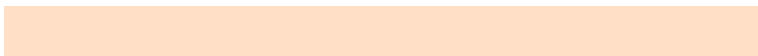
78.3707, 0.3036, 0.3569



78.3707, 0.2719, 0.3017



78.3707, 0.3208, 0.3033



78.3707, 0.3552, 0.3546

Rectangle

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



78.3707, 0.3036, 0.3569



78.3707, 0.2759, 0.3248



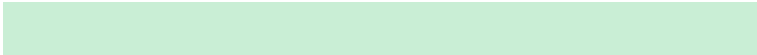
78.3707, 0.3208, 0.3033



78.3707, 0.3509, 0.3312

Sweetspot

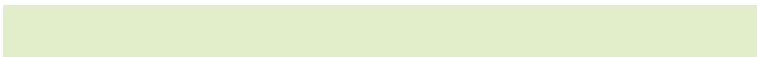
The Sweet Spot groups the original color and five complimentary colors.



78.3740, 0.3036, 0.3569



97.1187, 0.3098, 0.3374



81.5869, 0.3279, 0.3686



20.7039, 0.3094, 0.3387



0.0000, 0.0000, 0.0000



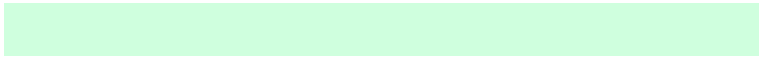
21.4041, 0.3127, 0.3290

Same Dimension

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



78.3740, 0.3036, 0.3569



90.0078, 0.3016, 0.3639



79.3530, 0.2930, 0.3364



17.7408, 0.3071, 0.3454



34.4358, 0.2871, 0.5536



2.8823, 0.2798, 0.5272

Inverse Universe

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



65.4372, 0.3232, 0.3026



71.9179, 0.3259, 0.2964



64.4883, 0.3368, 0.3218



15.9392, 0.3188, 0.3132



11.5993, 0.4237, 0.2108



0.9831, 0.4067, 0.2014

Previews

White Background



This preview shows how the Yxy color 78.3707, 0.3036, 0.3569 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 78.3707, 0.3036, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

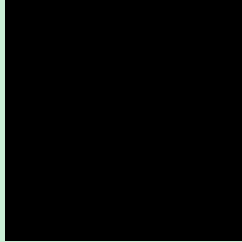
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

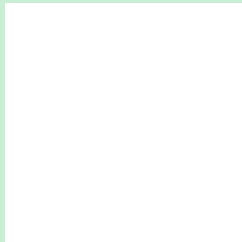
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.3707, 0.3036, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 78.3707, 0.3036, 0.3569.

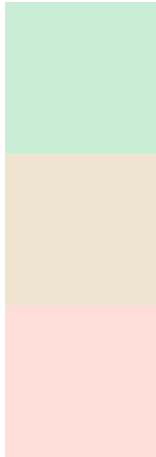


This preview shows how white text looks on a background with the Yxy color 78.3707, 0.3036, 0.3569.

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

78.3707, 0.3036, 0.3569

Protanopia

78.2180, 0.3329, 0.3500

Deuteranopia

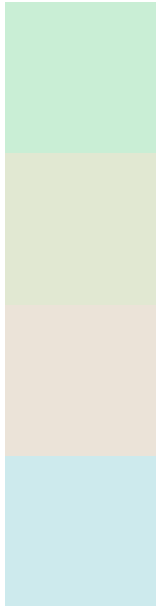
77.9827, 0.3401, 0.3331



Tritanopia

78.0882, 0.2858, 0.3088

Trichromacy



Original Color

78.3707, 0.3036, 0.3569

Protanomaly

78.3739, 0.3219, 0.3526

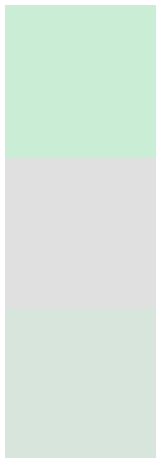
Deuteranomaly

77.5582, 0.3255, 0.3406

Tritanomaly

77.9392, 0.2920, 0.3257

Monochromacy



Original Color

78.3707, 0.3036, 0.3569

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.8049, 0.3095, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3707, 0.3036, 0.3569 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(201, 238, 213)` looks like.

```
.text, #text, p{  
    color:rgb(201, 238, 213)  
}
```

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(201, 238, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 238, 213) }
```

Border

The CSS property to change the border of an element to Yxy 78.3707, 0.3036, 0.3569 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(201, 238, 213) }
```

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

```
.border{ border-color:rgb(201, 238, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 238, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 238, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 238, 213);  
box-shadow:4px 4px 4px 4px rgb(201, 238,  
213) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 78.3707, 0.3036, 0.3569$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 238, 213) }
```

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

```
.background{ background-color: rgb(201,  
238, 213) }
```

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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