

Converting Colors

$Yxy(74.5216, 0.3103, 0.3683)$

Have a look what the booklet for
Yxy(74.5216, 0.3103, 0.3683)
contains.

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Color

Yxy(74.4071, 0.3102, 0.3679)

Conversions

Conversions Part 1

Format	Color
Hex	C6E9C7
RGB	198, 233, 199
RGB Percent	78%, 91%, 78%
CMY	0.2236, 0.0863, 0.2195
CMYK	0.15, 0.00, 0.15, 0.09
HSL	122°, 44%, 85%
HSV	122°, 15%, 91%
XYZ	62.7374, 74.4071, 65.1037
YIQ	218.6590, -9.9460, -17.9940

Conversions

Conversions Part 2

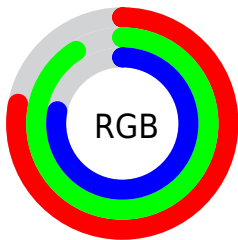
Format	Color
RYB	198, 232, 233
Decimal	13035975
CIELab	89.11, -17.74, 12.74
CIElCh	89, 21.837, 144.309
Yxy	74.4071, 0.3102, 0.3679
Android (android.graphics.Color)	4291226055 (0xFFC6E9C7)
YUV	218.6590, -9.6919, -18.1179
Hunter-Lab	86.2596, -21.1295, 15.6330

Details

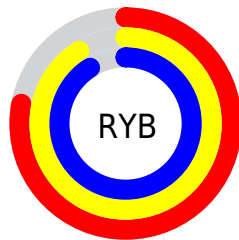
The Yxy color **74.4071, 0.3102, 0.3679** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.5346, 0.3152, 0.2930**, and the grayscale version is **70.6656, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4179, 0.3096, 0.3774** is the 20% darker color. If you saturate the color by 10%, you get **70.5101, 0.3084, 0.3980**, and if you desaturate by 10%, it is **78.9536, 0.3119, 0.3412**.

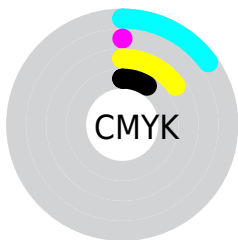
Distribution



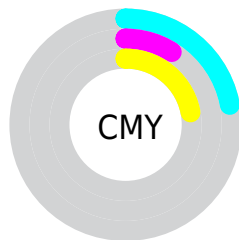
- Red (78%)
- Green (91%)
- Blue (78%)



- Red (78%)
- Yellow (91%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (9%)





- Cyan (22%)
- Magenta (9%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4071, 0.3102, 0.3679 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 74.4071, 0.3102, 0.3679 by changing the saturation by 10% instead.

 74.4071, 0.3102,
0.3679

 74.4071, 0.3102,
0.3679


475.8772, 0.3116,
0.3495

 55.1273, 0.3098,
0.3722

125.4727, 0.3107,
0.3614

 39.5037, 0.3093,
0.3776

158.0274, 0.3109,
0.3589

 27.1518, 0.3086,
0.3845


195.7757, 0.3111,
0.3568

 17.6872, 0.3076,
0.3937

239.1022, 0.3112,
0.3549

 10.7257, 0.3061,
0.4065

288.3912, 0.3113,
0.3533

 5.8827, 0.3036,
0.4255

344.0271, 0.3114,

 2.7739, 0.2986,

0.3519

406.3943, 0.3115,
0.3506

0.4566

1.0148, 0.3008,
0.5803

0.0000, 0.0000,
0.0000

74.4071, 0.3102,
0.3679

74.4071, 0.3102,
0.3679

70.5101, 0.3084,
0.3980

78.9536, 0.3119,
0.3412

67.2240, 0.3064,
0.4310

84.1673, 0.3135,
0.3178

64.5207, 0.3045,
0.4660

86.7605, 0.3137,
0.3078

62.3662, 0.3028,
0.5012

■ 60.7229, 0.3013,
0.5341

■ 59.5486, 0.3002,
0.5622

■ 58.7942, 0.2997,
0.5830

■ 58.3998, 0.2997,
0.5953

■ 58.2956, 0.2996,
0.5986

Harmonies

Analogous

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



74.4071, 0.3361, 0.3755



74.4071, 0.3102, 0.3679



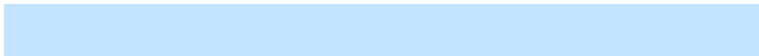
74.4071, 0.2857, 0.3484

Triad

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



74.4071, 0.3102, 0.3679



74.4071, 0.2703, 0.2885



74.4071, 0.3585, 0.3316

Complementary

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



74.4071, 0.3102, 0.3679



63.5346, 0.3152, 0.2930

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.



74.4071, 0.3395, 0.3103



74.4071, 0.3102, 0.3679



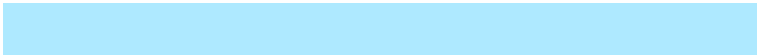
74.4071, 0.2883, 0.2860

Square

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



74.4071, 0.3102, 0.3679



74.4071, 0.2633, 0.3018



74.4071, 0.3135, 0.2940



74.4071, 0.3647, 0.3531

Rectangle

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



74.4071, 0.3102, 0.3679



74.4071, 0.2733, 0.3320



74.4071, 0.3135, 0.2940



74.4071, 0.3534, 0.3242

Sweetspot

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



74.4103, 0.3102, 0.3679



96.8900, 0.3119, 0.3412



79.5838, 0.3348, 0.3663



20.6485, 0.3118, 0.3429



0.0000, 0.0000, 0.0000



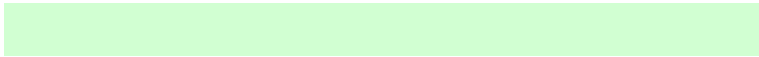
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4103, 0.3102, 0.3679



89.7657, 0.3096, 0.3768



75.2476, 0.2999, 0.3480



16.8694, 0.3112, 0.3526



33.0798, 0.2995, 0.5981



2.6001, 0.2980, 0.5929

Inverse Universe

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



63.5346, 0.3152, 0.2930



74.0431, 0.3157, 0.2855



62.6119, 0.3278, 0.3107



15.3057, 0.3143, 0.3065



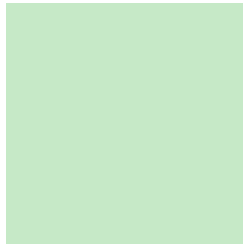
12.9528, 0.3284, 0.1583



1.0195, 0.3273, 0.1577

Previews

White Background



This preview shows how the Yxy color 74.4071, 0.3102, 0.3679 looks on a white background.

Color Contrast Check

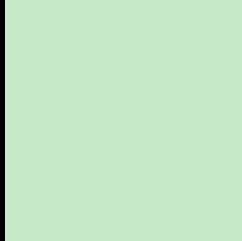
Large Text (above 18pt) WCAG AA × Fail

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 74.4071, 0.3102, 0.3679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

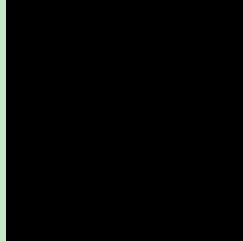
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

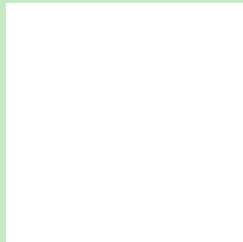
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4071, 0.3102, 0.3679

Background



This preview shows how black text looks on a background with the Yxy color 74.4071, 0.3102, 0.3679.

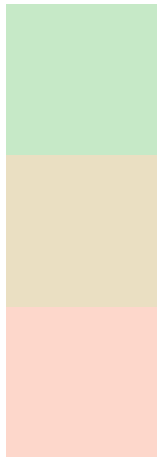


This preview shows how white text looks on a background with the Yxy color 74.4071, 0.3102, 0.3679.

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

74.4071, 0.3102, 0.3679

Protanopia

74.1628, 0.3403, 0.3602

Deuteranopia

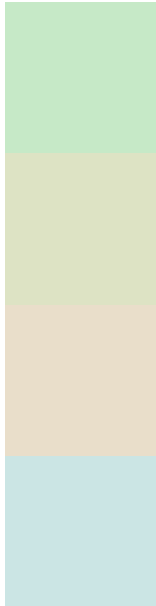
73.7953, 0.3497, 0.3414



Tritanopia

74.6526, 0.2878, 0.3095

Trichromacy



Original Color

74.4071, 0.3102, 0.3679

Protanomaly

74.2958, 0.3287, 0.3632

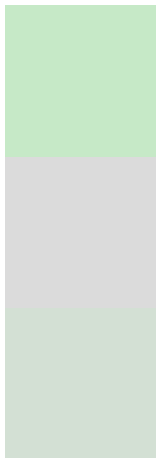
Deuteranomaly

73.8305, 0.3342, 0.3505

Tritanomaly

74.3366, 0.2959, 0.3301

Monochromacy



Original Color

74.4071, 0.3102, 0.3679

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.9137, 0.3114, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4071, 0.3102, 0.3679 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(198, 233, 199)` looks like.

```
.text, #text, p{  
    color:rgb(198, 233, 199)  
}
```

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(198, 233, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 233, 199) }
```

Border

The CSS property to change the border of an element to Yxy 74.4071, 0.3102, 0.3679 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(198, 233, 199) }
```

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

```
.border{ border-color:rgb(198, 233, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 233, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 233, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 233, 199);  
box-shadow:4px 4px 4px 4px rgb(198, 233,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4071, 0.3102, 0.3679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 233, 199) }
```

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

```
.background{ background-color: rgb(198,  
233, 199) }
```

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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