

Converting Colors

$Y_{xy}(74.3500, 0.3010, 0.3361)$

Have a look what the booklet for
Yxy(74.3500, 0.3010, 0.3361)
contains.

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Color

Yxy(74.4344, 0.3015, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	CEE5DE
RGB	206, 229, 222
RGB Percent	81%, 90%, 87%
CMY	0.1923, 0.1019, 0.1293
CMYK	0.10, 0.00, 0.03, 0.10
HSL	162°, 31%, 85%
HSV	162°, 10%, 90%
XYZ	66.6527, 74.4344, 79.9833
YIQ	221.3250, -11.4610, -7.0530

Conversions

Conversions Part 2

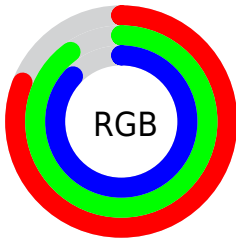
Format	Color
R _Y B	206, 220, 229
Decimal	13559262
CIE Lab	89.13, -8.92, 0.80
CIE LCh	89, 8.952, 174.899
Yxy	74.4344, 0.3015, 0.3367
Android (android.graphics.Color)	4291749342 (0xFFCEE5DE)
YUV	221.3250, 0.3328, -13.4400
Hunter-Lab	86.2754, -13.0803, 5.4268

Details

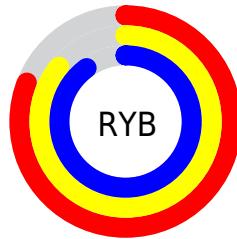
The Yxy color **74.4344, 0.3015, 0.3367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5852, 0.3253, 0.3214**, and the grayscale version is **72.5490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7375, 0.2992, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **71.0316, 0.2908, 0.3452**, and if you desaturate by 10%, it is **78.3363, 0.3126, 0.3290**.

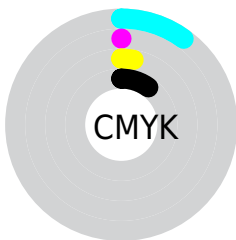
Distribution



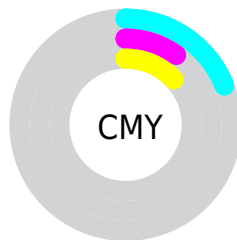
- Red (81%)
- Green (90%)
- Blue (87%)



- Red (81%)
- Yellow (86%)
- Blue (90%)



- Cyan (10%)
- Magenta (0%)
- Yellow (3%)
- Black (10%)





- Cyan (19%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.4344, 0.3015, 0.3367 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 74.4344, 0.3015, 0.3367 by changing the saturation by 10% instead.


 74.4344, 0.3015,
0.3367

 74.4344, 0.3015,
0.3367


475.9713, 0.3067,
0.3331

 55.1497, 0.3003,
0.3375

125.5114, 0.3033,
0.3355

 39.5216, 0.2989,
0.3385


158.0725, 0.3040,
0.3350

 27.1657, 0.2970,
0.3398


195.8277, 0.3046,
0.3346

 17.6977, 0.2946,
0.3415

239.1616, 0.3051,
0.3342

 10.7332, 0.2913,
0.3437

288.4585, 0.3056,
0.3339

 5.8877, 0.2865,
0.3471

344.1028, 0.3060,

 2.7769, 0.2791,

0.3336

406.4790, 0.3064,
0.3334

0.3523

1.0164, 0.2647,
0.3622

0.0000, 0.0000,
0.0000

74.4344, 0.3015,
0.3367

74.4344, 0.3015,
0.3367

71.0316, 0.2908,
0.3452

78.3363, 0.3126,
0.3290

68.0977, 0.2808,
0.3544

82.7474, 0.3240,
0.3222

65.6136, 0.2719,
0.3644

83.7668, 0.3217,
0.3155

63.5552, 0.2643,
0.3751

84.1934, 0.3172,
0.3088

■ 61.8962, 0.2583,
0.3862

■ 84.5256, 0.3139,
0.3039

■ 60.6072, 0.2541,
0.3977

■ 59.6545, 0.2520,
0.4093

■ 58.9984, 0.2519,
0.4209

■ 58.5720, 0.2534,
0.4322

Harmonies

Analogous

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



74.4344, 0.3117, 0.3444



74.4344, 0.3015, 0.3367



74.4344, 0.2944, 0.3270

Triad

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



74.4344, 0.3015, 0.3367



74.4344, 0.3030, 0.3109



74.4344, 0.3338, 0.3395

Complementary

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



74.4344, 0.3015, 0.3367



65.5852, 0.3253, 0.3214

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.



74.4344, 0.3314, 0.3306



74.4344, 0.3015, 0.3367



74.4344, 0.3135, 0.3143

Square

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



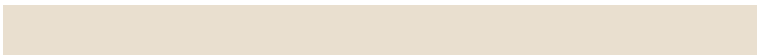
74.4344, 0.3015, 0.3367



74.4344, 0.2952, 0.3122



74.4344, 0.3239, 0.3214



74.4344, 0.3305, 0.3459

Rectangle

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



74.4344, 0.3015, 0.3367



74.4344, 0.2922, 0.3207



74.4344, 0.3239, 0.3214



74.4344, 0.3337, 0.3367

Sweetspot

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



74.4375, 0.3015, 0.3367



98.4295, 0.3093, 0.3312



74.6851, 0.3166, 0.3546



20.9803, 0.3084, 0.3318



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.



74.4375, 0.3015, 0.3367



94.0688, 0.2993, 0.3383



72.5092, 0.2972, 0.3243



16.2582, 0.3022, 0.3362



33.5068, 0.2529, 0.4304



2.4923, 0.2483, 0.4137

Inverse Universe

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



65.5852, 0.3253, 0.3214



80.7079, 0.3282, 0.3199



67.3002, 0.3299, 0.3337



14.4395, 0.3245, 0.3219



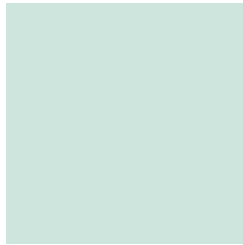
9.7911, 0.5747, 0.2939



0.7396, 0.5330, 0.2710

Previews

White Background



This preview shows how the Yxy color 74.4344, 0.3015, 0.3367 looks on a white background.

Color Contrast Check

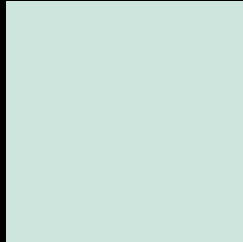
Large Text (above 18pt) WCAG AA × Fail

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 74.4344, 0.3015, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

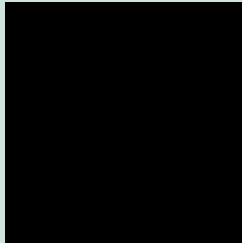
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

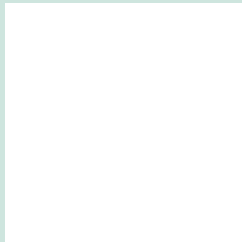
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4344, 0.3015, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 74.4344, 0.3015, 0.3367.

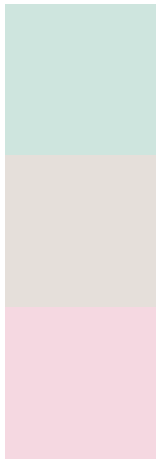


This preview shows how white text looks on a background with the Yxy color 74.4344, 0.3015, 0.3367.

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

74.4344, 0.3015, 0.3367

Protanopia

74.4953, 0.3203, 0.3344

Deuteranopia

73.9605, 0.3278, 0.3198



Tritanopia

74.6260, 0.2909, 0.3096

Trichromacy



Original Color

74.4344, 0.3015, 0.3367

Protanomaly

74.3371, 0.3138, 0.3355

Deuteranomaly

74.0836, 0.3178, 0.3258

Tritanomaly

74.5496, 0.2950, 0.3192

Monochromacy



Original Color

74.4344, 0.3015, 0.3367

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.1307, 0.3091, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4344, 0.3015, 0.3367 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(206, 229, 222)` looks like.

```
.text, #text, p{  
    color:rgb(206, 229, 222)  
}
```

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(206, 229, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 229, 222) }
```

Border

The CSS property to change the border of an element to Yxy 74.4344, 0.3015, 0.3367 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(206, 229, 222) }
```

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

```
.border{ border-color:rgb(206, 229, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 229, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 229, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 229, 222);  
box-shadow:4px 4px 4px 4px rgb(206, 229,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4344, 0.3015, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 229, 222) }
```

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

```
.background{ background-color: rgb(206,  
229, 222) }
```

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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