

Converting Colors

$Yxy(73.1872, 0.3007, 0.3367)$

Have a look what the booklet for
Yxy(73.1872, 0.3007, 0.3367)
contains.

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Color

Yxy(73.4038, 0.3002, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	CBE4DD
RGB	203, 228, 221
RGB Percent	80%, 89%, 87%
CMY	0.2038, 0.1059, 0.1334
CMYK	0.11, 0.00, 0.03, 0.11
HSL	163°, 32%, 85%
HSV	163°, 11%, 89%
XYZ	65.4270, 73.4038, 79.1140
YIQ	219.7270, -12.6530, -7.4770

Conversions

Conversions Part 2

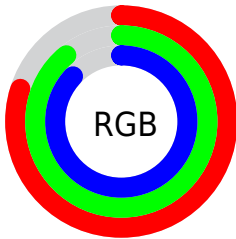
Format	Color
R _{YB}	203, 218, 228
Decimal	13362397
CIE Lab	88.64, -9.56, 0.61
CIE LCh	89, 9.575, 176.337
Yxy	73.4038, 0.3002, 0.3368
Android (android.graphics.Color)	4291552477 (0xFFCBE4DD)
YUV	219.7270, 0.6276, -14.6696
Hunter-Lab	85.6760, -13.6204, 5.2243

Details

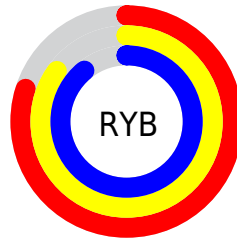
The Yxy color **73.4038, 0.3002, 0.3368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.8756, 0.3270, 0.3213**, and the grayscale version is **71.3765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0299, 0.2974, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **70.1021, 0.2893, 0.3447**, and if you desaturate by 10%, it is **77.1955, 0.3116, 0.3296**.

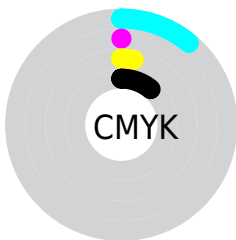
Distribution



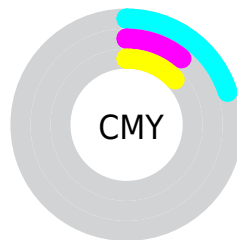
- Red (80%)
- Green (89%)
- Blue (87%)



- Red (80%)
- Yellow (85%)
- Blue (89%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (11%)




- Cyan (20%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4038, 0.3002, 0.3368 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 73.4038, 0.3002, 0.3368 by changing the saturation by 10% instead.


 73.4038, 0.3002,
0.3368

 73.4038, 0.3002,
0.3368

472.4131, 0.3060,
0.3332

 54.3062, 0.2989,
0.3376


124.0503, 0.3022,
0.3355

 38.8465, 0.2972,
0.3386


156.3680, 0.3030,
0.3351

 26.6404, 0.2952,
0.3399


193.8611, 0.3037,
0.3346

 17.3033, 0.2924,
0.3416

236.9142, 0.3043,
0.3343

 10.4510, 0.2887,
0.3440

285.9115, 0.3048,
0.3340

 5.6990, 0.2834,
0.3474

341.2375, 0.3052,

 2.6629, 0.2749,

0.3337

0.3527

403.2766, 0.3056,
0.3334

0.9584, 0.2567,
0.3639

0.0000, 0.0000,
0.0000

73.4038, 0.3002,
0.3368

73.4038, 0.3002,
0.3368

70.1021, 0.2893,
0.3447

77.1955, 0.3116,
0.3296

67.2605, 0.2791,
0.3533


81.4872, 0.3233,
0.3232

64.8599, 0.2701,
0.3626


83.0499, 0.3235,
0.3170

62.8765, 0.2624,
0.3725

83.4378, 0.3193,
0.3109


 61.2839, 0.2564,
0.3828


 83.8394, 0.3152,
0.3047

 60.0528, 0.2522,
0.3933

 83.9665, 0.3139,
0.3029

 59.1495, 0.2501,
0.4041

 58.5341, 0.2499,
0.4147

 58.1645, 0.2512,
0.4242

Harmonies

Analogous

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



73.4038, 0.3111, 0.3452



73.4038, 0.3002, 0.3368



73.4038, 0.2928, 0.3263

Triad

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



73.4038, 0.3002, 0.3368



73.4038, 0.3027, 0.3097



73.4038, 0.3354, 0.3407

Complementary

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



73.4038, 0.3002, 0.3368



63.8756, 0.3270, 0.3213

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.



73.4038, 0.3331, 0.3312



73.4038, 0.3002, 0.3368



73.4038, 0.3141, 0.3135

Square

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



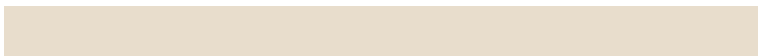
73.4038, 0.3002, 0.3368



73.4038, 0.2942, 0.3108



73.4038, 0.3252, 0.3213



73.4038, 0.3315, 0.3473

Rectangle

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



73.4038, 0.3002, 0.3368



73.4038, 0.2907, 0.3197



73.4038, 0.3252, 0.3213



73.4038, 0.3353, 0.3377

Sweetspot

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



73.4069, 0.3002, 0.3368



98.4402, 0.3092, 0.3311



73.5168, 0.3163, 0.3570



20.9831, 0.3083, 0.3316



0.0000, 0.0000, 0.0000



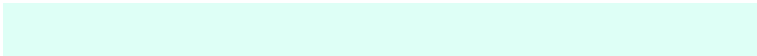
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4069, 0.3002, 0.3368



93.6604, 0.2978, 0.3384



70.8585, 0.2958, 0.3229



16.2637, 0.3019, 0.3357



33.6077, 0.2507, 0.4226



2.4992, 0.2464, 0.4072

Inverse Universe

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



63.8756, 0.3270, 0.3213



79.2017, 0.3301, 0.3198



66.1339, 0.3315, 0.3350



14.4342, 0.3248, 0.3224



9.7559, 0.5823, 0.2981



0.7364, 0.5406, 0.2752

Previews

White Background



This preview shows how the Yxy color 73.4038, 0.3002, 0.3368 looks on a white background.

Color Contrast Check

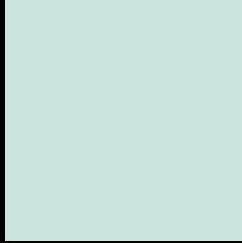
Large Text (above 18pt) WCAG AA × Fail

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 73.4038, 0.3002, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

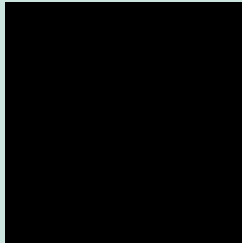
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

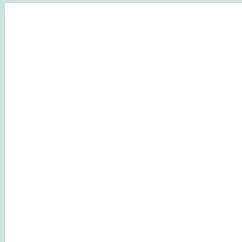
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4038, 0.3002, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 73.4038, 0.3002, 0.3368.

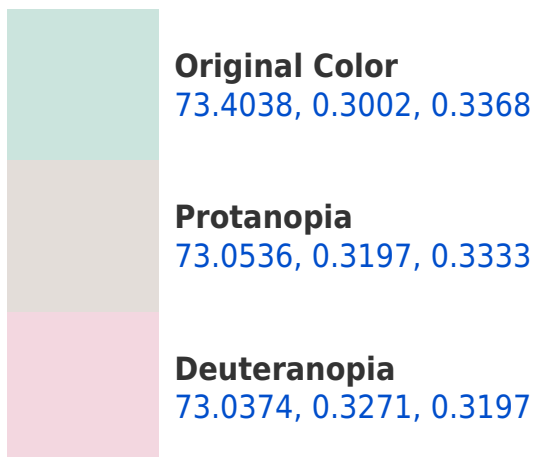


This preview shows how white text looks on a background with the Yxy color 73.4038, 0.3002, 0.3368.

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

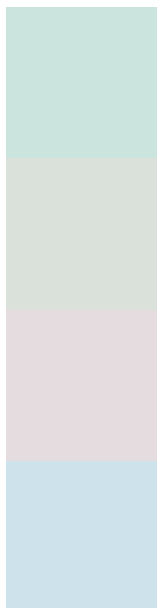




Tritanopia

73.5869, 0.2895, 0.3095

Trichromacy



Original Color

73.4038, 0.3002, 0.3368

Protanomaly

73.2787, 0.3124, 0.3356

Deuteranomaly

73.0081, 0.3164, 0.3258

Tritanomaly

73.5127, 0.2936, 0.3191

Monochromacy



Original Color

73.4038, 0.3002, 0.3368

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.2388, 0.3084, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4038, 0.3002, 0.3368 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(203, 228, 221)` looks like.

```
.text, #text, p{  
    color:rgb(203, 228, 221)  
}
```

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(203, 228, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 228, 221) }
```

Border

The CSS property to change the border of an element to Yxy 73.4038, 0.3002, 0.3368 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(203, 228, 221) }
```

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

```
.border{ border-color:rgb(203, 228, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 228, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 228, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 228, 221);  
box-shadow:4px 4px 4px 4px rgb(203, 228,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4038, 0.3002, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 228, 221) }
```

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

```
.background{ background-color: rgb(203,  
228, 221) }
```

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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