

Converting Colors

$Yxy(73.3448, 0.3173, 0.3501)$

Have a look what the booklet for
Yxy(73.3448, 0.3173, 0.3501)
contains.

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Color

Yxy(73.3448, 0.3173, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	D7E2CF
RGB	215, 226, 207
RGB Percent	84%, 89%, 81%
CMY	0.1570, 0.1137, 0.1883
CMYK	0.05, 0.00, 0.08, 0.11
HSL	95°, 25%, 85%
HSV	95°, 8%, 89%
XYZ	66.4733, 73.3448, 69.6786
YIQ	220.5450, -0.4570, -8.2410

Conversions

Conversions Part 2

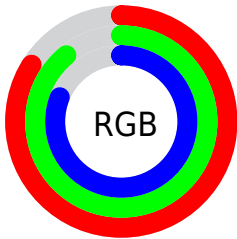
Format	Color
R_{YB}	207, 226, 218
Decimal	14148303
CIE _{Lab}	88.61, -7.09, 8.02
CIE _{LCh}	89, 10.704, 131.508
Yxy	73.3448, 0.3173, 0.3501
Android (android.graphics.Color)	4292338383 (0xFFD7E2CF)
YUV	220.5450, -6.6777, -4.8630
Hunter-Lab	85.6416, -11.3246, 11.7103

Details

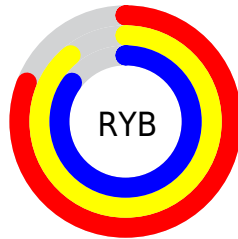
The Yxy color **73.3448, 0.3173, 0.3501** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.0266, 0.3078, 0.3081**, and the grayscale version is **72.0161, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8993, 0.3178, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **70.4115, 0.3226, 0.3773**, and if you desaturate by 10%, it is **76.6023, 0.3119, 0.3252**.

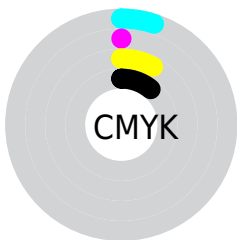
Distribution



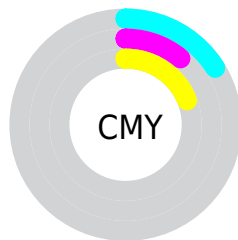
- Red (84%)
- Green (89%)
- Blue (81%)



- Red (81%)
- Yellow (89%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3448, 0.3173, 0.3501 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 73.3448, 0.3173, 0.3501 by changing the saturation by 10% instead.

■ 73.3448, 0.3173,
0.3501

■ 73.3448, 0.3173,
0.3501

472.2090, 0.3152,
0.3402

■ 54.2579, 0.3178,
0.3524

123.9666, 0.3166,
0.3467

■ 38.8079, 0.3183,
0.3552

156.2703, 0.3163,
0.3453

■ 26.6103, 0.3190,
0.3589

193.7484, 0.3161,
0.3442

■ 17.2808, 0.3199,
0.3636

236.7853, 0.3159,
0.3432

■ 10.4349, 0.3210,
0.3703

285.7655, 0.3157,
0.3423

■ 5.6882, 0.3226,
0.3800

341.0732, 0.3155,

■ 2.6565, 0.3249,

0.3415

403.0929, 0.3154,
0.3408

0.3956

0.9551, 0.3384,
0.4410

0.0000, 0.0000,
0.0000

73.3448, 0.3173,
0.3501

73.3448, 0.3173,
0.3501

70.4115, 0.3226,
0.3773

76.6023, 0.3119,
0.3252

67.7825, 0.3276,
0.4067

80.1845, 0.3065,
0.3028

65.4500, 0.3320,
0.4374

82.7624, 0.3136,
0.3009

63.4022, 0.3353,
0.4685

82.8823, 0.3140,
0.3009

■ 61.6263, 0.3372,
0.4987

■ 60.1087, 0.3373,
0.5262

■ 58.8340, 0.3354,
0.5493

■ 57.7847, 0.3316,
0.5668

■ 56.9373, 0.3263,
0.5783

Harmonies

Analogous

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



73.3448, 0.3292, 0.3513



73.3448, 0.3173, 0.3501



73.3448, 0.3044, 0.3429

Triad

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



73.3448, 0.3173, 0.3501



73.3448, 0.2892, 0.3113



73.3448, 0.3318, 0.3258

Complementary

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



73.3448, 0.3173, 0.3501



65.0266, 0.3078, 0.3081

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.



73.3448, 0.3208, 0.3157



73.3448, 0.3173, 0.3501



73.3448, 0.2963, 0.3073

Square

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



73.3448, 0.3173, 0.3501



73.3448, 0.2884, 0.3202



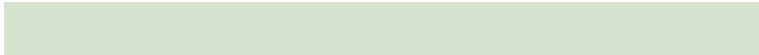
73.3448, 0.3077, 0.3090



73.3448, 0.3377, 0.3370

Rectangle

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



73.3448, 0.3173, 0.3501



73.3448, 0.2969, 0.3358



73.3448, 0.3077, 0.3090



73.3448, 0.3286, 0.3222

Sweetspot

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



73.3480, 0.3173, 0.3501



98.6835, 0.3144, 0.3364



70.7014, 0.3261, 0.3408



21.0484, 0.3148, 0.3384



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.



73.3480, 0.3173, 0.3501



95.7619, 0.3182, 0.3544



72.2334, 0.3109, 0.3490



15.6163, 0.3179, 0.3528



32.4747, 0.3265, 0.5789



2.3027, 0.3387, 0.5693

Inverse Universe

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



65.0266, 0.3078, 0.3081



82.8261, 0.3067, 0.3038



66.2159, 0.3146, 0.3098



13.6347, 0.3071, 0.3054



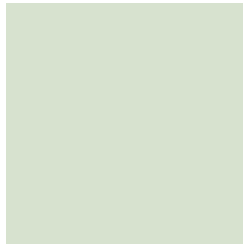
5.9725, 0.2194, 0.0982



0.4662, 0.2346, 0.1066

Previews

White Background



This preview shows how the Yxy color 73.3448, 0.3173, 0.3501 looks on a white background.

Color Contrast Check

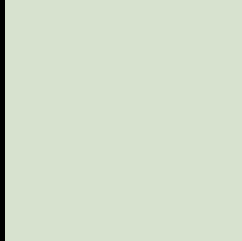
Large Text (above 18pt) WCAG AA × Fail

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 73.3448, 0.3173, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

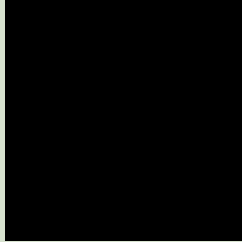
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

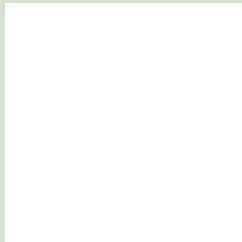
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.3448, 0.3173, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 73.3448, 0.3173, 0.3501.

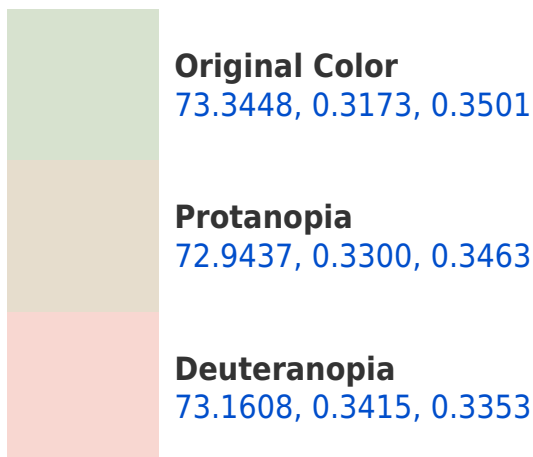


This preview shows how white text looks on a background with the Yxy color 73.3448, 0.3173, 0.3501.

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

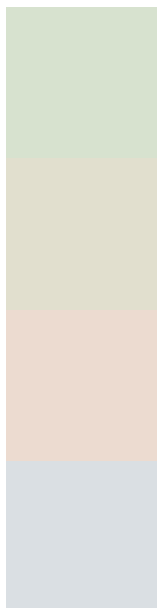




Tritanopia

73.1605, 0.3004, 0.3098

Trichromacy



Original Color

73.3448, 0.3173, 0.3501

Protanomaly

73.2391, 0.3254, 0.3475

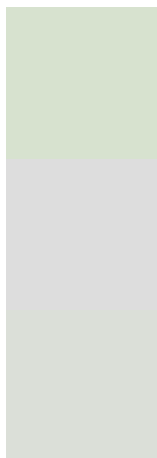
Deuteranomaly

73.0500, 0.3326, 0.3408

Tritanomaly

73.2268, 0.3066, 0.3247

Monochromacy



Original Color

73.3448, 0.3173, 0.3501

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7933, 0.3145, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3448, 0.3173, 0.3501 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(215, 226, 207)` looks like.

```
.text, #text, p{  
    color:rgb(215, 226, 207)  
}
```

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(215, 226, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 226, 207) }
```

Border

The CSS property to change the border of an element to Yxy 73.3448, 0.3173, 0.3501 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(215, 226, 207) }
```

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

```
.border{ border-color:rgb(215, 226, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 226, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 226, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 226, 207);  
box-shadow:4px 4px 4px 4px rgb(215, 226,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3448, 0.3173, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 226, 207) }
```

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

```
.background{ background-color: rgb(215,  
226, 207) }
```

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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