

Converting Colors

Yxy(73.4451, 0.3108, 0.3411)

Have a look what the booklet for
Yxy(73.4451, 0.3108, 0.3411)
contains.

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Color

Yxy(73.4451, 0.3108, 0.3411)

Conversions

Conversions Part 1

Format	Color
Hex	D5E2D7
RGB	213, 226, 215
RGB Percent	84%, 89%, 84%
CMY	0.1644, 0.1138, 0.1568
CMYK	0.06, 0.00, 0.05, 0.11
HSL	129°, 18%, 86%
HSV	129°, 6%, 89%
XYZ	66.9210, 73.4451, 74.9523
YIQ	220.8590, -4.2170, -6.1770

Conversions

Conversions Part 2

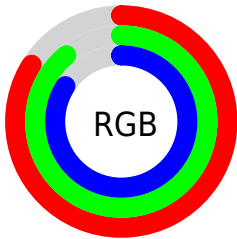
Format	Color
R _Y B	213, 224, 226
Decimal	14017239
CIE Lab	88.66, -6.31, 3.86
CIE LCh	89, 7.391, 148.557
Yxy	73.4451, 0.3108, 0.3411
Android (android.graphics.Color)	4292207319 (0xFFD5E2D7)
YUV	220.8590, -2.8885, -6.8923
Hunter-Lab	85.7001, -10.5893, 8.1357

Details

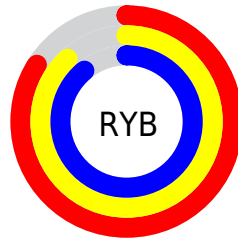
The Yxy color **73.4451, 0.3108, 0.3411** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1771, 0.3147, 0.3172**, and the grayscale version is **72.2355, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9330, 0.3102, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **69.3698, 0.3074, 0.3645**, and if you desaturate by 10%, it is **78.1134, 0.3141, 0.3205**.

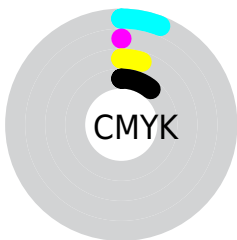
Distribution



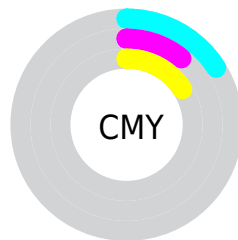
- Red (84%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (88%)
- Blue (89%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.4451, 0.3108, 0.3411 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 73.4451, 0.3108, 0.3411 by changing the saturation by 10% instead.

■ 73.4451, 0.3108,
0.3411

■ 73.4451, 0.3108,
0.3411

472.5560, 0.3117,
0.3355

■ 54.3400, 0.3106,
0.3424

124.1089, 0.3111,
0.3391

■ 38.8735, 0.3103,
0.3440

156.4363, 0.3112,
0.3384

■ 26.6614, 0.3100,
0.3461

193.9401, 0.3114,
0.3377

■ 17.3191, 0.3095,
0.3488

237.0044, 0.3114,
0.3372

■ 10.4622, 0.3089,
0.3525

286.0138, 0.3115,
0.3367

■ 5.7065, 0.3079,
0.3580

341.3526, 0.3116,

■ 2.6674, 0.3063,

0.3362

0.3668

403.4052, 0.3117,
0.3358

■ 0.9607, 0.3038,
0.3855

■ 0.0000, 0.0000,
0.0000

■ 73.4451, 0.3108,
0.3411

■ 73.4451, 0.3108,
0.3411

■ 69.3698, 0.3074,
0.3645

■ 78.1134, 0.3141,
0.3205

■ 65.8546, 0.3040,
0.3909

■ 82.7612, 0.3151,
0.3024

■ 62.8780, 0.3007,
0.4198

■ 82.8632, 0.3140,
0.3009

■ 60.4130, 0.2978,
0.4508

■ 58.4305, 0.2956,
0.4826

■ 56.8986, 0.2942,
0.5137

■ 55.7813, 0.2938,
0.5421

■ 55.0369, 0.2945,
0.5657

■ 54.6149, 0.2962,
0.5832

Harmonies

Analogous

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



73.4451, 0.3197, 0.3444



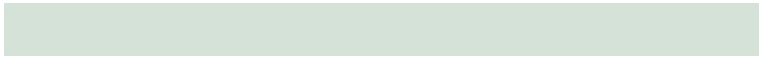
73.4451, 0.3108, 0.3411



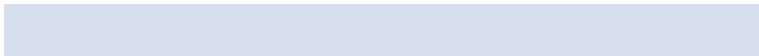
73.4451, 0.3025, 0.3344

Triad

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



73.4451, 0.3108, 0.3411



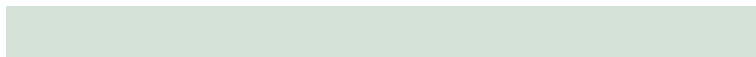
73.4451, 0.2988, 0.3147



73.4451, 0.3287, 0.3313

Complementary

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



73.4451, 0.3108, 0.3411



69.1771, 0.3147, 0.3172

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.



73.4451, 0.3229, 0.3236



73.4451, 0.3108, 0.3411



73.4451, 0.3056, 0.3141

Square

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



73.4451, 0.3108, 0.3411



73.4451, 0.2956, 0.3192



73.4451, 0.3145, 0.3174



73.4451, 0.3301, 0.3386

Rectangle

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



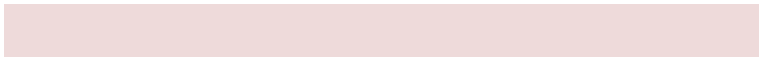
73.4451, 0.3108, 0.3411



73.4451, 0.2984, 0.3291



73.4451, 0.3145, 0.3174



73.4451, 0.3272, 0.3287

Sweetspot

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



73.4482, 0.3108, 0.3411



98.7697, 0.3120, 0.3332



75.0460, 0.3198, 0.3430



21.1537, 0.3121, 0.3330



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.



73.4482, 0.3108, 0.3411



95.8321, 0.3103, 0.3441



73.7862, 0.3067, 0.3339



15.5406, 0.3102, 0.3452



31.1079, 0.2964, 0.5870



2.1669, 0.2896, 0.5626

Inverse Universe

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



69.1771, 0.3147, 0.3172



88.9633, 0.3152, 0.3144



68.8340, 0.3191, 0.3241



14.3473, 0.3154, 0.3133



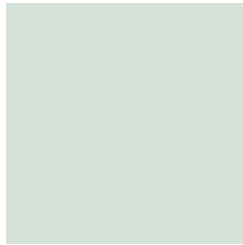
11.4085, 0.3629, 0.1773



0.8005, 0.3554, 0.1732

Previews

White Background



This preview shows how the Yxy color 73.4451, 0.3108, 0.3411 looks on a white background.

Color Contrast Check

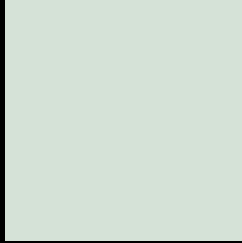
Large Text (above 18pt) WCAG AA × Fail

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 73.4451, 0.3108, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

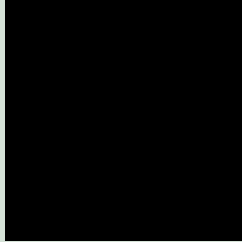
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

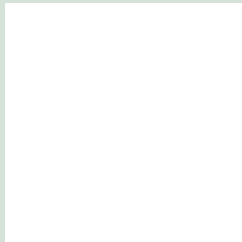
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4451, 0.3108, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 73.4451, 0.3108, 0.3411.

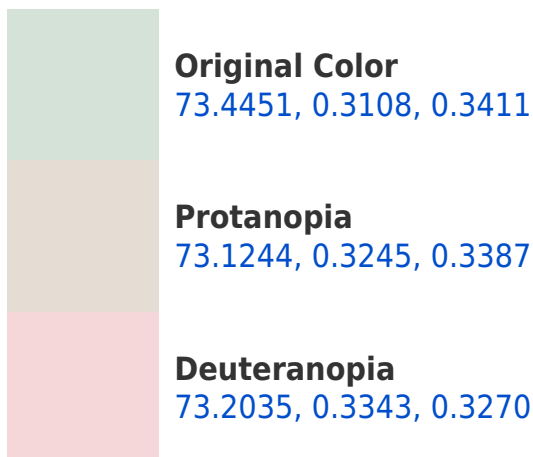


This preview shows how white text looks on a background with the Yxy color 73.4451, 0.3108, 0.3411.

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

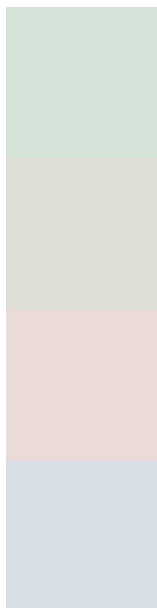




Tritanopia

73.2855, 0.2978, 0.3097

Trichromacy



Original Color

73.4451, 0.3108, 0.3411

Protanomaly

73.2674, 0.3193, 0.3399

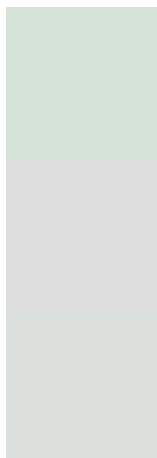
Deuteranomaly

73.1133, 0.3256, 0.3322

Tritanomaly

73.1438, 0.3027, 0.3203

Monochromacy



Original Color

73.4451, 0.3108, 0.3411

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7953, 0.3118, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4451, 0.3108, 0.3411 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(213, 226, 215)` looks like.

```
.text, #text, p{  
    color:rgb(213, 226, 215)  
}
```

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(213, 226, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 226, 215) }
```

Border

The CSS property to change the border of an element to Yxy 73.4451, 0.3108, 0.3411 is called "border". The border property can be set on classes, ids or directly on the HTML element.

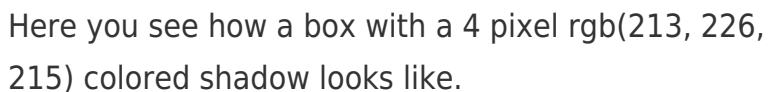
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(213, 226, 215) }
```

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

```
.border{ border-color:rgb(213, 226, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(213, 226, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 226, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 226, 215); box-shadow:4px 4px 4px 4px rgb(213, 226, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4451, 0.3108, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 226, 215) }
```

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

```
.background{ background-color: rgb(213,  
226, 215) }
```

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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