

Converting Colors

$Yxy(73.7587, 0.3327, 0.3673)$

Have a look what the booklet for
Yxy(73.7587, 0.3327, 0.3673)
contains.

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Color

Yxy(73.6839, 0.3329, 0.3677)

Conversions

Conversions Part 1

Format	Color
Hex	DEE2BF
RGB	222, 226, 191
RGB Percent	87%, 89%, 75%
CMY	0.1297, 0.1136, 0.2510
CMYK	0.02, 0.00, 0.15, 0.11
HSL	67°, 38%, 82%
HSV	67°, 15%, 89%
XYZ	66.7103, 73.6839, 59.9972
YIQ	220.8140, 8.8510, -11.7330

Conversions

Conversions Part 2

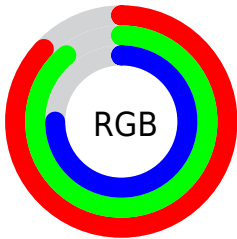
Format	Color
R _Y B	191, 226, 195
Decimal	14607039
CIE Lab	88.77, -7.26, 16.68
CIE LCh	89, 18.189, 113.528
Yxy	73.6839, 0.3329, 0.3677
Android (android.graphics.Color)	4292797119 (0xFFDEE2BF)
YUV	220.8140, -14.6983, 1.0401
Hunter-Lab	85.8393, -11.4970, 18.6469

Details

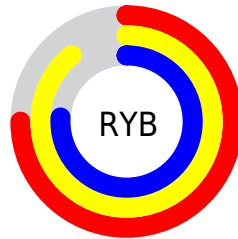
The Yxy color **73.6839, 0.3329, 0.3677** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.3691, 0.2907, 0.2879**, and the grayscale version is **72.2654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **39.1475, 0.3382, 0.3781** is the 20% darker color. If you saturate the color by 10%, you get **72.3545, 0.3461, 0.3936**, and if you desaturate by 10%, it is **75.1799, 0.3198, 0.3424**.

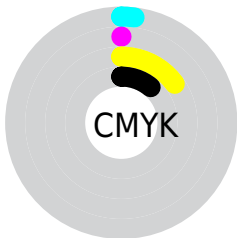
Distribution



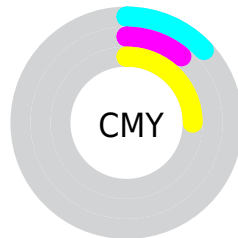
- Red (87%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)





- Cyan (13%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.6839, 0.3329, 0.3677 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 73.6839, 0.3329, 0.3677 by changing the saturation by 10% instead.


 73.6839, 0.3329,
0.3677

 73.6839, 0.3329,
0.3677

473.3817, 0.3237,
0.3496

 54.5354, 0.3350,
0.3719


 124.4476, 0.3298,
0.3614

 39.0298, 0.3375,
0.3771


156.8316, 0.3285,
0.3589

 26.7829, 0.3406,
0.3837

194.3961, 0.3274,
0.3568

 17.4103, 0.3446,
0.3924

237.5257, 0.3265,
0.3550

 10.5274, 0.3499,
0.4043

286.6046, 0.3257,
0.3534

 5.7500, 0.3572,
0.4216

342.0173, 0.3250,

 2.6937, 0.3675,

0.3520

0.4487

404.1482, 0.3243,
0.3507

0.9740, 0.4337,
0.5663

0.0000, 0.0000,
0.0000

73.6839, 0.3329,
0.3677

73.6839, 0.3329,
0.3677

72.3545, 0.3461,
0.3936

75.1799, 0.3198,
0.3424

71.1749, 0.3588,
0.4194

76.8392, 0.3070,
0.3183

70.1407, 0.3706,
0.4441

78.4237, 0.2972,
0.2994

69.2437, 0.3809,
0.4668

78.8629, 0.2989,
0.2996

68.4748, 0.3892,
0.4863

79.3088, 0.3007,
0.2997

67.8235, 0.3950,
0.5018

79.7614, 0.3024,
0.2999

67.2780, 0.3982,
0.5129

80.2206, 0.3042,
0.3001

66.8234, 0.3989,
0.5196

80.6865, 0.3059,
0.3002

66.6373, 0.3987,
0.5216

81.1592, 0.3077,
0.3004

Harmonies

Analogous

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



73.6839, 0.3495, 0.3627



73.6839, 0.3329, 0.3677



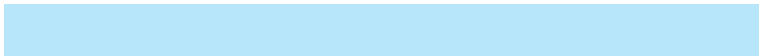
73.6839, 0.3113, 0.3616

Triad

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



73.6839, 0.3329, 0.3677



73.6839, 0.2712, 0.3068



73.6839, 0.3346, 0.3129

Complementary

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



73.6839, 0.3329, 0.3677



54.3691, 0.2907, 0.2879

Split Complementary

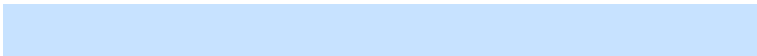
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6839, 0.3129, 0.2992



73.6839, 0.3329, 0.3677



73.6839, 0.2768, 0.2952

Square

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



73.6839, 0.3329, 0.3677



73.6839, 0.2761, 0.3253



73.6839, 0.2919, 0.2927



73.6839, 0.3506, 0.3309

Rectangle

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



73.6839, 0.3329, 0.3677



73.6839, 0.2971, 0.3518



73.6839, 0.2919, 0.2927



73.6839, 0.3277, 0.3077

Sweetspot

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



73.6871, 0.3329, 0.3677



98.9248, 0.3192, 0.3413



59.0042, 0.3411, 0.3337



21.1426, 0.3201, 0.3430



0.0000, 0.0000, 0.0000



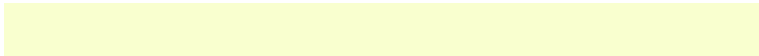
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6871, 0.3329, 0.3677



96.2066, 0.3377, 0.3771



71.0652, 0.3202, 0.3693



15.9442, 0.3249, 0.3523



38.0414, 0.3990, 0.5214



2.6601, 0.4023, 0.5187

Inverse Universe

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



54.3691, 0.2907, 0.2879



65.6551, 0.2848, 0.2772



56.8414, 0.3040, 0.2895



13.3195, 0.2999, 0.3049



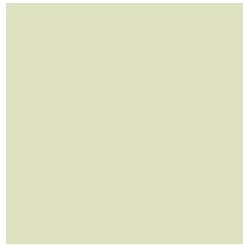
3.2869, 0.1544, 0.0624



0.2536, 0.1645, 0.0680

Previews

White Background



This preview shows how the Yxy color 73.6839, 0.3329, 0.3677 looks on a white background.

Color Contrast Check

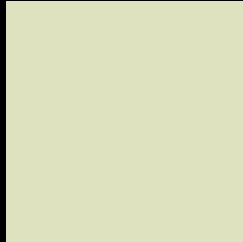
Large Text (above 18pt) WCAG AA × Fail

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 73.6839, 0.3329, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

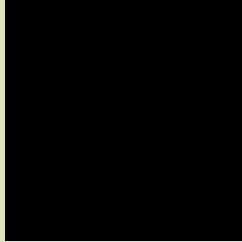
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

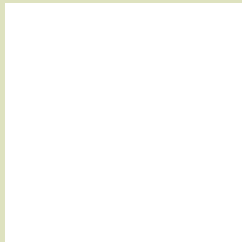
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6839, 0.3329, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 73.6839, 0.3329, 0.3677.



This preview shows how white text looks on a background with the Yxy color 73.6839, 0.3329, 0.3677.

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

73.6839, 0.3329, 0.3677

Protanopia

73.4091, 0.3439, 0.3647

Deuteranopia

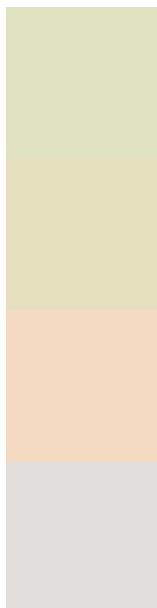
73.2034, 0.3589, 0.3507



Tritanopia

73.7948, 0.3072, 0.3111

Trichromacy



Original Color

73.6839, 0.3329, 0.3677

Protanomaly

73.3161, 0.3400, 0.3649

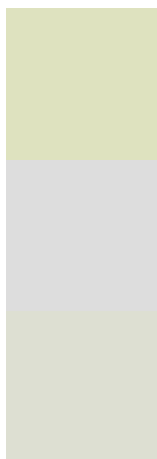
Deuteranomaly

73.0033, 0.3495, 0.3566

Tritanomaly

73.5786, 0.3169, 0.3312

Monochromacy



Original Color

73.6839, 0.3329, 0.3677

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.8006, 0.3199, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6839, 0.3329, 0.3677 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(222, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(222, 226, 191)  
}
```

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(222, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 226, 191) }
```

Border

The CSS property to change the border of an element to Yxy 73.6839, 0.3329, 0.3677 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(222, 226, 191) }
```

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

```
.border{ border-color:rgb(222, 226, 191) }
```

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

Here you see how a box with a 4 pixel rgb(222, 226, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(222, 226,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6839, 0.3329, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 226, 191) }
```

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

```
.background{ background-color: rgb(222,  
226, 191) }
```

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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