

Converting Colors

$Yxy(73.4390, 0.3336, 0.3700)$

Have a look what the booklet for
Yxy(73.4390, 0.3336, 0.3700)
contains.

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Color

Yxy(73.4390, 0.3336, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	DDE2BD
RGB	221, 226, 189
RGB Percent	87%, 89%, 74%
CMY	0.1331, 0.1138, 0.2588
CMYK	0.02, 0.00, 0.16, 0.11
HSL	68°, 39%, 81%
HSV	68°, 16%, 89%
XYZ	66.2142, 73.4390, 58.8306
YIQ	220.2870, 8.8970, -12.5670

Conversions

Conversions Part 2

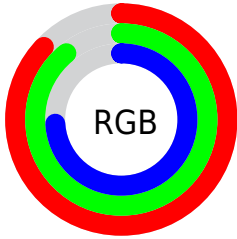
Format	Color
R_{YB}	189, 226, 194
Decimal	14541501
CIE Lab	88.66, -7.86, 17.55
CIE LCh	89, 19.228, 114.142
Yxy	73.4390, 0.3336, 0.3700
Android (android.graphics.Color)	4292731581 (0xFFDDE2BD)
YUV	220.2870, -15.4245, 0.6253
Hunter-Lab	85.6966, -12.0494, 19.2851

Details

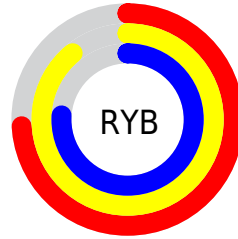
The Yxy color **73.4390, 0.3336, 0.3700** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.3475, 0.2898, 0.2855**, and the grayscale version is **71.8939, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **39.0104, 0.3381, 0.3797** is the 20% darker color. If you saturate the color by 10%, you get **72.0674, 0.3464, 0.3960**, and if you desaturate by 10%, it is **74.9784, 0.3207, 0.3446**.

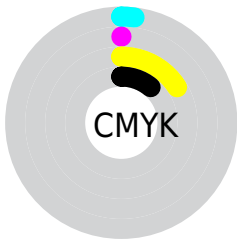
Distribution



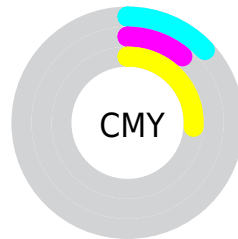
- Red (87%)
- Green (89%)
- Blue (74%)



- Red (74%)
- Yellow (89%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)




- Cyan (13%)
- Magenta (11%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4390, 0.3336, 0.3700 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 73.4390, 0.3336, 0.3700 by changing the saturation by 10% instead.


 73.4390, 0.3336,
0.3700

 73.4390, 0.3336,
0.3700


472.5349, 0.3241,
0.3508

 54.3350, 0.3357,
0.3744


 124.1002, 0.3303,
0.3633

 38.8696, 0.3383,
0.3800


156.4262, 0.3291,
0.3607

 26.6583, 0.3415,
0.3870


193.9284, 0.3280,
0.3585

 17.3167, 0.3456,
0.3963

236.9911, 0.3270,
0.3565

 10.4606, 0.3511,
0.4090

285.9987, 0.3262,
0.3548

 5.7054, 0.3584,
0.4274

341.3356, 0.3254,

 2.6668, 0.3687,

0.3533

403.3862, 0.3247,
0.3520

0.4562

0.9603, 0.4281,
0.5719

0.0000, 0.0000,
0.0000

73.4390, 0.3336,
0.3700

73.4390, 0.3336,
0.3700

72.0674, 0.3464,
0.3960

74.9784, 0.3207,
0.3446

70.8469, 0.3588,
0.4220

76.6827, 0.3082,
0.3204

69.7731, 0.3702,
0.4468

78.4447, 0.2974,
0.2994

68.8375, 0.3801,
0.4695

78.9474, 0.2993,
0.2996

68.0309, 0.3878,
0.4890

79.4588, 0.3013,
0.2998

67.3430, 0.3932,
0.5046

79.9789, 0.3033,
0.2999

66.7615, 0.3958,
0.5156

80.5077, 0.3053,
0.3001

66.2710, 0.3960,
0.5222

81.0453, 0.3074,
0.3003

66.1059, 0.3957,
0.5240

81.5917, 0.3094,
0.3005

Harmonies

Analogous

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



73.4390, 0.3513, 0.3648



73.4390, 0.3336, 0.3700



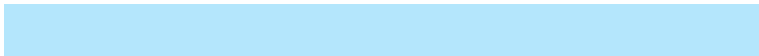
73.4390, 0.3107, 0.3633

Triad

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



73.4390, 0.3336, 0.3700



73.4390, 0.2689, 0.3052



73.4390, 0.3363, 0.3124

Complementary

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



73.4390, 0.3336, 0.3700



53.3475, 0.2898, 0.2855

Split Complementary

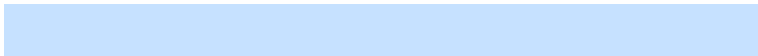
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.4390, 0.3134, 0.2978



73.4390, 0.3336, 0.3700



73.4390, 0.2750, 0.2932

Square

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



73.4390, 0.3336, 0.3700



73.4390, 0.2739, 0.3245



73.4390, 0.2911, 0.2907



73.4390, 0.3531, 0.3313

Rectangle

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



73.4390, 0.3336, 0.3700



73.4390, 0.2957, 0.3528



73.4390, 0.2911, 0.2907



73.4390, 0.3290, 0.3068

Sweetspot

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



73.4422, 0.3336, 0.3700



98.8851, 0.3190, 0.3413



58.1222, 0.3430, 0.3340



21.1329, 0.3199, 0.3430



0.0000, 0.0000, 0.0000



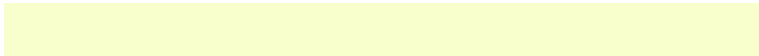
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4422, 0.3336, 0.3700



95.8736, 0.3385, 0.3798



70.7825, 0.3206, 0.3717



15.9321, 0.3247, 0.3523



37.7556, 0.3961, 0.5237



2.6430, 0.3999, 0.5207

Inverse Universe

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



53.3475, 0.2898, 0.2855



64.2243, 0.2838, 0.2743



55.8562, 0.3035, 0.2872



13.3304, 0.3001, 0.3049



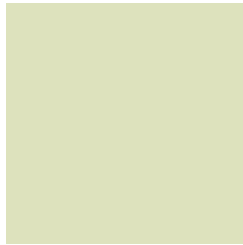
3.3200, 0.1553, 0.0629



0.2588, 0.1665, 0.0691

Previews

White Background



This preview shows how the Yxy color 73.4390, 0.3336, 0.3700 looks on a white background.

Color Contrast Check

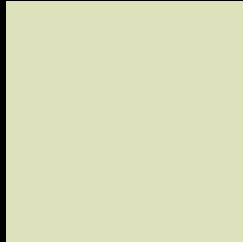
Large Text (above 18pt) WCAG AA × Fail

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 73.4390, 0.3336, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

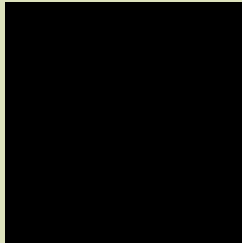
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

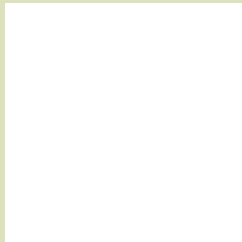
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.4390, 0.3336, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 73.4390, 0.3336, 0.3700.



This preview shows how white text looks on a background with the Yxy color 73.4390, 0.3336, 0.3700.

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

73.4390, 0.3336, 0.3700

Protanopia

73.3228, 0.3453, 0.3668

Deuteranopia

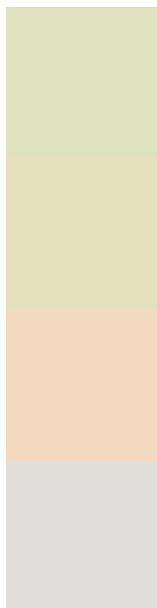
73.1147, 0.3604, 0.3527



Tritanopia

73.2714, 0.3073, 0.3101

Trichromacy



Original Color

73.4390, 0.3336, 0.3700

Protanomaly

73.0642, 0.3407, 0.3672

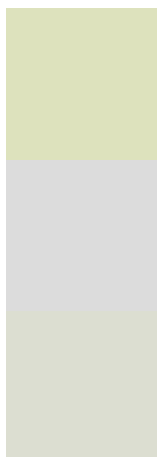
Deuteranomaly

72.9152, 0.3509, 0.3587

Tritanomaly

73.4174, 0.3162, 0.3312

Monochromacy



Original Color

73.4390, 0.3336, 0.3700

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.0616, 0.3199, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4390, 0.3336, 0.3700 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(221, 226, 189)` looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 189)  
}
```

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(221, 226, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 189) }
```

Border

The CSS property to change the border of an element to Yxy 73.4390, 0.3336, 0.3700 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(221, 226, 189) }
```

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

```
.border{ border-color:rgb(221, 226, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 226, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 226, 189); box-shadow:4px 4px 4px 4px rgb(221, 226, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4390, 0.3336, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 189) }
```

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

```
.background{ background-color: rgb(221,  
226, 189) }
```

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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