

Converting Colors

$Yxy(74.0184, 0.3667, 0.3941)$

Have a look what the booklet for
Yxy(74.0184, 0.3667, 0.3941)
contains.

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Color

Yxy(73.9093, 0.3670, 0.3940)

Conversions

Conversions Part 1

Format	Color
Hex	F0DFA2
RGB	240, 223, 162
RGB Percent	94%, 87%, 64%
CMY	0.0589, 0.1255, 0.3646
CMYK	0.00, 0.07, 0.32, 0.06
HSL	47°, 72%, 79%
HSV	47°, 32%, 94%
XYZ	68.8444, 73.9093, 44.8333
YIQ	221.1290, 29.7130, -15.3670

Conversions

Conversions Part 2

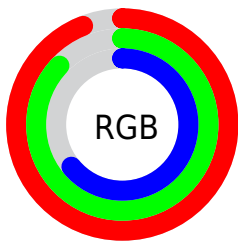
Format	Color
R _Y B	184, 240, 162
Decimal	15785890
CIE Lab	88.88, -3.03, 32.04
CIE LCh	89, 32.179, 95.407
Yxy	73.9093, 0.3670, 0.3940
Android (android.graphics.Color)	4293975970 (0xFFFF0DFA2)
YUV	221.1290, -29.1506, 16.5499
Hunter-Lab	85.9705, -7.5071, 29.2598

Details

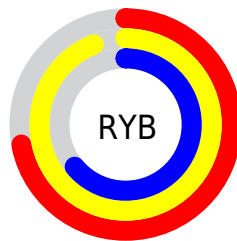
The Yxy color **73.9093, 0.3670, 0.3940** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.2220, 0.2571, 0.2542**, and the grayscale version is **72.5976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **39.1983, 0.3788, 0.4085** is the 20% darker color. If you saturate the color by 10%, you get **70.3877, 0.3853, 0.4138**, and if you desaturate by 10%, it is **77.6868, 0.3492, 0.3736**.

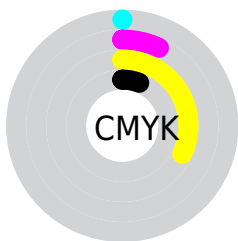
Distribution



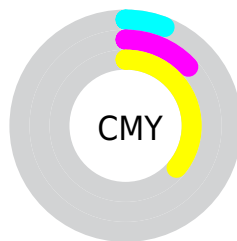
- Red (94%)
- Green (87%)
- Blue (64%)



- Red (72%)
- Yellow (94%)
- Blue (64%)



- Cyan (0%)
- Magenta (7%)
- Yellow (32%)
- Black (6%)





- Cyan (6%)
- Magenta (13%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9093, 0.3670, 0.3940 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 73.9093, 0.3670, 0.3940 by changing the saturation by 10% instead.

 73.9093, 0.3670,
0.3940

 73.9093, 0.3670,
0.3940


474.1603, 0.3424,
0.3641

 54.7198, 0.3724,
0.4007


 124.7672, 0.3586,
0.3837

 39.1774, 0.3790,
0.4088


 157.2044, 0.3553,
0.3797

 26.8978, 0.3871,
0.4190


194.8264, 0.3524,
0.3762

 17.4965, 0.3973,
0.4319

238.0174, 0.3499,
0.3732

 10.5891, 0.4101,
0.4485

287.1619, 0.3477,
0.3705

 5.7913, 0.4265,
0.4705

342.6443, 0.3457,

 2.7186, 0.4688,

0.3681

0.5243

404.8489, 0.3439,
0.3660

■ 0.9866, 0.4658,
0.5342

■ 0.0000, 0.0000,
0.0000

■ 73.9093, 0.3670,
0.3940

■ 73.9093, 0.3670,
0.3940

■ 70.3877, 0.3853,
0.4138

■ 77.6868, 0.3492,
0.3736

■ 67.1018, 0.4033,
0.4320

■ 81.7194, 0.3322,
0.3533

■ 64.0441, 0.4205,
0.4476

■ 86.0192, 0.3164,
0.3337

■ 61.2022, 0.4360,
0.4596

■ 90.3979, 0.3037,
0.3181

■ 58.5621, 0.4489,
0.4671

■ 93.5879, 0.3036,
0.3232

■ 56.1070, 0.4589,
0.4698

■ 96.8679, 0.3035,
0.3284

■ 54.3649, 0.4648,
0.4692

■ 97.2639, 0.3035,
0.3290

Harmonies

Analogous

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



73.9093, 0.3873, 0.3733



73.9093, 0.3670, 0.3940



73.9093, 0.3327, 0.3971

Triad

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



73.9093, 0.3670, 0.3940



73.9093, 0.2440, 0.3071



73.9093, 0.3281, 0.2860

Complementary

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



73.9093, 0.3670, 0.3940



46.2220, 0.2571, 0.2542

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.



73.9093, 0.2894, 0.2697



73.9093, 0.3670, 0.3940



73.9093, 0.2429, 0.2796

Square

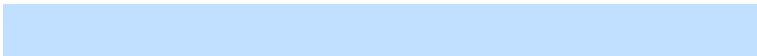
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9093, 0.3670, 0.3940



73.9093, 0.2623, 0.3440



73.9093, 0.2589, 0.2670



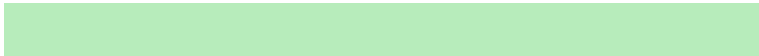
73.9093, 0.3645, 0.3123

Rectangle

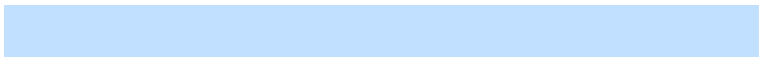
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9093, 0.3670, 0.3940



73.9093, 0.3069, 0.3870



73.9093, 0.2589, 0.2670



73.9093, 0.3149, 0.2793

Sweetspot

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



73.9127, 0.3670, 0.3940



94.9716, 0.3283, 0.3485



47.6798, 0.3702, 0.3090



20.1819, 0.3305, 0.3513



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.



73.9127, 0.3670, 0.3940



82.1118, 0.3791, 0.4073



80.0166, 0.3468, 0.4144



17.8405, 0.3274, 0.3474



29.9666, 0.4639, 0.4699



2.6359, 0.4568, 0.4755

Inverse Universe

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



46.2220, 0.2571, 0.2542



45.7730, 0.2443, 0.2358



42.1877, 0.2699, 0.2365



15.7870, 0.2980, 0.3100



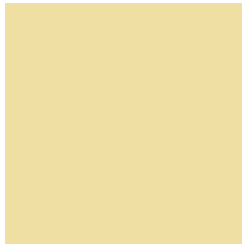
4.9615, 0.1563, 0.0828



0.5549, 0.1629, 0.1063

Previews

White Background



This preview shows how the Yxy color 73.9093, 0.3670, 0.3940 looks on a white background.

Color Contrast Check

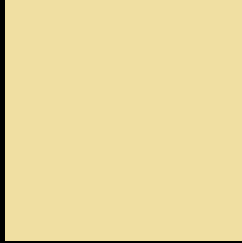
Large Text (above 18pt) WCAG AA × Fail

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 73.9093, 0.3670, 0.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

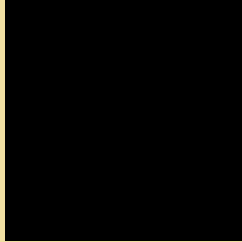
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9093, 0.3670, 0.3940

Background



This preview shows how black text looks on a background with the Yxy color 73.9093, 0.3670, 0.3940.



This preview shows how white text looks on a background with the Yxy color 73.9093, 0.3670, 0.3940.

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

73.9093, 0.3670, 0.3940

Protanopia

73.9093, 0.3670, 0.3940

Deuteranopia

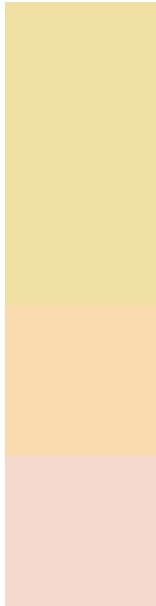
73.6670, 0.3680, 0.3661



Tritanopia

73.8191, 0.3260, 0.3118

Trichromacy



Original Color

73.9093, 0.3670, 0.3940

Protanomaly

73.9093, 0.3670, 0.3940

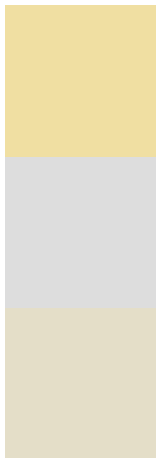
Deuteranomaly

74.0042, 0.3683, 0.3770

Tritanomaly

73.4944, 0.3411, 0.3406

Monochromacy



Original Color

73.9093, 0.3670, 0.3940

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.9067, 0.3318, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9093, 0.3670, 0.3940 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(240, 223, 162)` looks like.

```
.text, #text, p{  
    color:rgb(240, 223, 162)  
}
```

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(240, 223, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 223, 162) }
```

Border

The CSS property to change the border of an element to Yxy 73.9093, 0.3670, 0.3940 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(240, 223, 162) }
```

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

```
.border{ border-color:rgb(240, 223, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 223, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 223, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 223, 162);  
box-shadow:4px 4px 4px 4px rgb(240, 223,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9093, 0.3670, 0.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 223, 162) }
```

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

```
.background{ background-color: rgb(240,  
223, 162) }
```

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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