

Converting Colors

$Yxy(73.8078, 0.3623, 0.3936)$

Have a look what the booklet for
Yxy(73.8078, 0.3623, 0.3936)
contains.

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Color

Yxy(73.8245, 0.3623, 0.3936)

Conversions

Conversions Part 1

Format	Color
Hex	ECE0A4
RGB	236, 224, 164
RGB Percent	93%, 88%, 64%
CMY	0.0744, 0.1216, 0.3569
CMYK	0.00, 0.05, 0.31, 0.07
HSL	50°, 65%, 78%
HSV	50°, 31%, 93%
XYZ	67.9538, 73.8245, 45.7839
YIQ	220.7480, 26.4120, -16.1160

Conversions

Conversions Part 2

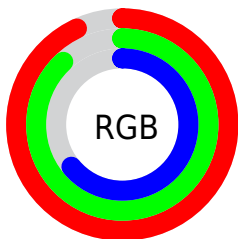
Format	Color
RYB	178, 236, 164
Decimal	15524004
CIELab	88.84, -4.80, 30.92
CIELCh	89, 31.293, 98.831
Yxy	73.8245, 0.3623, 0.3936
Android (android.graphics.Color)	4293714084 (0xFFECE0A4)
YUV	220.7480, -27.9768, 13.3760
Hunter-Lab	85.9212, -9.1890, 28.5516

Details

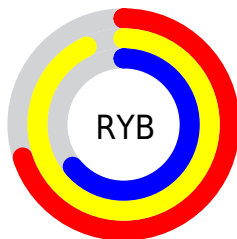
The Yxy color **73.8245, 0.3623, 0.3936** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0058, 0.2603, 0.2548**, and the grayscale version is **72.3098, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8945, 0.3339, 0.3641**, and **39.1295, 0.3726, 0.4083** is the 20% darker color. If you saturate the color by 10%, you get **70.9592, 0.3796, 0.4146**, and if you desaturate by 10%, it is **76.9039, 0.3452, 0.3721**.

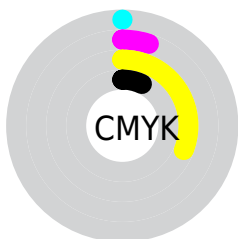
Distribution



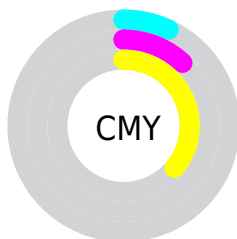
- Red (93%)
- Green (88%)
- Blue (64%)



- Red (70%)
- Yellow (93%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (31%)
- Black (7%)




- Cyan (7%)
- Magenta (12%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8245, 0.3623, 0.3936 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 73.8245, 0.3623, 0.3936 by changing the saturation by 10% instead.


 73.8245, 0.3623,
0.3936

 73.8245, 0.3623,
0.3936

473.8674, 0.3398,
0.3637

 54.6504, 0.3672,
0.4003


 124.6470, 0.3546,
0.3833

 39.1219, 0.3732,
0.4086


 157.0642, 0.3516,
0.3793

 26.8546, 0.3806,
0.4189

194.6645, 0.3490,
0.3758

 17.4640, 0.3898,
0.4321

237.8324, 0.3467,
0.3728

 10.5659, 0.4016,
0.4493

286.9523, 0.3447,
0.3701

 5.7757, 0.4164,
0.4725

342.4085, 0.3429,

 2.7092, 0.4532,

0.3677

0.5257

404.5854, 0.3413,
0.3656

0.9819, 0.4529,
0.5471

0.0000, 0.0000,
0.0000

73.8245, 0.3623,
0.3936

73.8245, 0.3623,
0.3936

70.9592, 0.3796,
0.4146

76.9039, 0.3452,
0.3721

68.2887, 0.3965,
0.4340

80.1956, 0.3289,
0.3507

65.8066, 0.4124,
0.4510

83.7110, 0.3135,
0.3300

63.5016, 0.4265,
0.4645

87.2365, 0.3012,
0.3138


 61.3612, 0.4381,
0.4736

 89.5787, 0.3012,
0.3178

 59.3704, 0.4469,
0.4781

 91.9717, 0.3012,
0.3217

 57.5978, 0.4528,
0.4787

 94.4156, 0.3012,
0.3256

 96.5772, 0.3011,
0.3290

Harmonies

Analogous

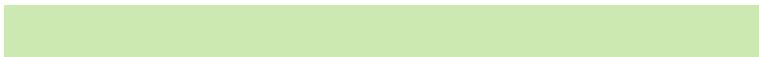
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.8245, 0.3840, 0.3751



73.8245, 0.3623, 0.3936



73.8245, 0.3279, 0.3942

Triad

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



73.8245, 0.3623, 0.3936



73.8245, 0.2448, 0.3041



73.8245, 0.3321, 0.2896

Complementary

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



73.8245, 0.3623, 0.3936



45.0058, 0.2603, 0.2548

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.



73.8245, 0.2941, 0.2724



73.8245, 0.3623, 0.3936



73.8245, 0.2456, 0.2788

Square

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



73.8245, 0.3623, 0.3936



73.8245, 0.2608, 0.3394



73.8245, 0.2630, 0.2681



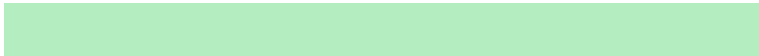
73.8245, 0.3664, 0.3161

Rectangle

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



73.8245, 0.3623, 0.3936



73.8245, 0.3029, 0.3827



73.8245, 0.2630, 0.2681



73.8245, 0.3193, 0.2826

Sweetspot

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



73.8279, 0.3623, 0.3936



96.1887, 0.3265, 0.3476



47.5664, 0.3689, 0.3143



20.4609, 0.3288, 0.3507



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

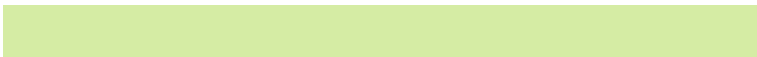
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8279, 0.3623, 0.3936



85.6994, 0.3738, 0.4076



76.8635, 0.3422, 0.4096



17.1739, 0.3272, 0.3485



31.9064, 0.4522, 0.4792



2.6190, 0.4468, 0.4834

Inverse Universe

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



45.0058, 0.2603, 0.2548



45.9692, 0.2474, 0.2355



43.1444, 0.2758, 0.2436



14.9552, 0.2980, 0.3088



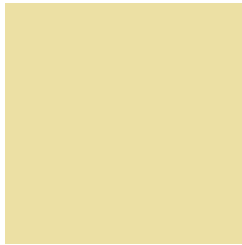
4.2783, 0.1541, 0.0748



0.4562, 0.1604, 0.0972

Previews

White Background



This preview shows how the Yxy color 73.8245, 0.3623, 0.3936 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 73.8245, 0.3623, 0.3936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

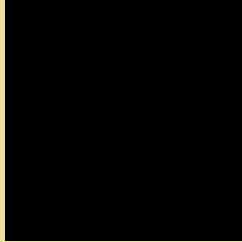
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.8245, 0.3623, 0.3936

Background



This preview shows how black text looks on a background with the Yxy color 73.8245, 0.3623, 0.3936.



This preview shows how white text looks on a background with the Yxy color 73.8245, 0.3623, 0.3936.

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

73.8245, 0.3623, 0.3936

Protanopia

73.9450, 0.3663, 0.3930

Deuteranopia

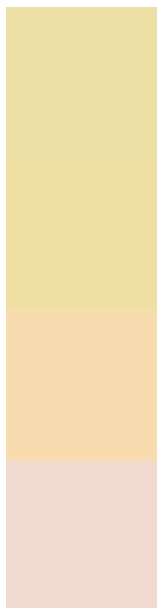
73.7079, 0.3672, 0.3651



Tritanopia

73.6602, 0.3223, 0.3116

Trichromacy



Original Color

73.8245, 0.3623, 0.3936

Protanomaly

73.7704, 0.3656, 0.3931

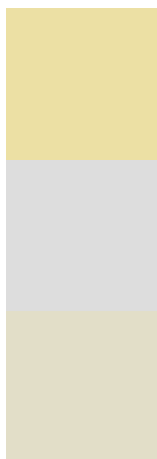
Deuteranomaly

73.7146, 0.3653, 0.3751

Tritanomaly

73.3486, 0.3372, 0.3406

Monochromacy



Original Color

73.8245, 0.3623, 0.3936

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.5814, 0.3304, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8245, 0.3623, 0.3936 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(236, 224, 164)` looks like.

```
.text, #text, p{  
    color:rgb(236, 224, 164)  
}
```

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(236, 224, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 224, 164) }
```

Border

The CSS property to change the border of an element to Yxy 73.8245, 0.3623, 0.3936 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(236, 224, 164) }
```

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

```
.border{ border-color:rgb(236, 224, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 224, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 224, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 224, 164);  
box-shadow:4px 4px 4px 4px rgb(236, 224,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8245, 0.3623, 0.3936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 224, 164) }
```

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

```
.background{ background-color: rgb(236,  
224, 164) }
```

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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