

Converting Colors

$Y_{xy}(72.9828, 0.3412, 0.3749)$

Have a look what the booklet for
Yxy(72.9828, 0.3412, 0.3749)
contains.

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Color

Yxy(72.7378, 0.3409, 0.3743)

Conversions

Conversions Part 1

Format	Color
Hex	E1E0B7
RGB	225, 224, 183
RGB Percent	88%, 88%, 72%
CMY	0.1178, 0.1215, 0.2824
CMYK	0.00, 0.00, 0.19, 0.12
HSL	59°, 41%, 80%
HSV	59°, 19%, 88%
XYZ	66.2472, 72.7378, 55.3452
YIQ	219.6250, 13.7570, -12.5390

Conversions

Conversions Part 2

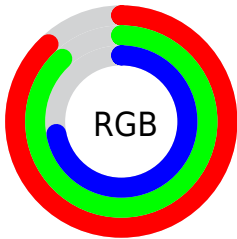
Format	Color
R_{YB}	184, 225, 183
Decimal	14803127
CIE _{Lab}	88.32, -6.35, 20.25
CIE _{LCh}	88, 21.225, 107.409
Yxy	72.7378, 0.3409, 0.3743
Android (android.graphics.Color)	4292993207 (0xFFE1E0B7)
YUV	219.6250, -18.0561, 4.7139
Hunter-Lab	85.2865, -10.5995, 21.2252

Details

The Yxy color **72.7378, 0.3409, 0.3743** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.7635, 0.2820, 0.2793**, and the grayscale version is **71.4152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **38.4227, 0.3468, 0.3853** is the 20% darker color. If you saturate the color by 10%, you get **71.6025, 0.3563, 0.3989**, and if you desaturate by 10%, it is **74.0301, 0.3256, 0.3497**.

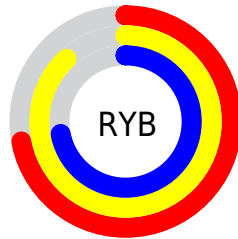
Distribution



Red (88%)

Green (88%)

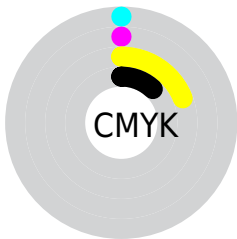
Blue (72%)



Red (72%)

Yellow (88%)

Blue (72%)

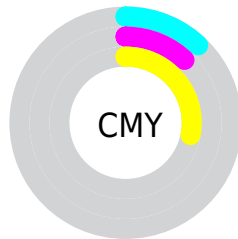


Cyan (0%)

Magenta (0%)

Yellow (19%)

Black (12%)



Cyan (12%)

Magenta (12%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7378, 0.3409, 0.3743 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 72.7378, 0.3409, 0.3743 by changing the saturation by 10% instead.


 72.7378, 0.3409,
0.3743

 72.7378, 0.3409,
0.3743


470.1056, 0.3280,
0.3531

 53.7616, 0.3438,
0.3792


 123.1049, 0.3365,
0.3669

 38.4111, 0.3473,
0.3852


155.2646, 0.3347,
0.3640

 26.3019, 0.3517,
0.3929

192.5876, 0.3332,
0.3616

 17.0496, 0.3573,
0.4030

235.4582, 0.3319,
0.3594

 10.2699, 0.3648,
0.4168

284.2610, 0.3308,
0.3576

 5.5783, 0.3748,
0.4365

339.3802, 0.3298,

 2.5904, 0.3895,

0.3559

0.4675

401.2002, 0.3289,
0.3544

0.9218, 0.4388,
0.5612

0.0000, 0.0000,
0.0000

72.7378, 0.3409,
0.3743

72.7378, 0.3409,
0.3743

71.6025, 0.3563,
0.3989

74.0301, 0.3256,
0.3497

70.6075, 0.3713,
0.4227

75.4764, 0.3108,
0.3259

69.7482, 0.3853,
0.4448

77.0861, 0.2967,
0.3032

69.0164, 0.3976,
0.4641

77.6519, 0.2940,
0.2992

68.4026, 0.4078,
0.4798

77.9314, 0.2940,
0.2997

67.8962, 0.4155,
0.4913

78.2117, 0.2940,
0.3003

67.4848, 0.4205,
0.4985

78.4929, 0.2940,
0.3008

67.1494, 0.4231,
0.5017

78.7749, 0.2941,
0.3014

67.1067, 0.4234,
0.5020

79.0578, 0.2941,
0.3019

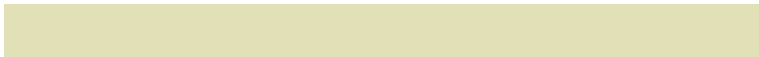
Harmonies

Analogous

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



72.7378, 0.3584, 0.3657



72.7378, 0.3409, 0.3743



72.7378, 0.3162, 0.3700

Triad

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



72.7378, 0.3409, 0.3743



72.7378, 0.2645, 0.3067



72.7378, 0.3334, 0.3065

Complementary

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



72.7378, 0.3409, 0.3743



49.7635, 0.2820, 0.2793

Split Complementary

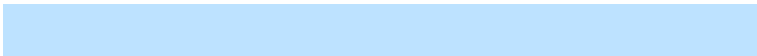
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7378, 0.3075, 0.2920



72.7378, 0.3409, 0.3743



72.7378, 0.2685, 0.2914

Square

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



72.7378, 0.3409, 0.3743



72.7378, 0.2726, 0.3294



72.7378, 0.2840, 0.2865



72.7378, 0.3542, 0.3266

Rectangle

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



72.7378, 0.3409, 0.3743



72.7378, 0.2992, 0.3599



72.7378, 0.2840, 0.2865



72.7378, 0.3250, 0.3008

Sweetspot

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



72.7410, 0.3409, 0.3743



98.8311, 0.3216, 0.3434



53.3461, 0.3479, 0.3275



21.1277, 0.3226, 0.3450



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.



72.7410, 0.3409, 0.3743



96.0855, 0.3463, 0.3829



70.2877, 0.3263, 0.3775



15.9731, 0.3268, 0.3516



38.7058, 0.4233, 0.5021



2.7001, 0.4227, 0.5026

Inverse Universe

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



49.7635, 0.2820, 0.2793



60.7400, 0.2755, 0.2687



51.9388, 0.2970, 0.2803



13.2931, 0.2981, 0.3053



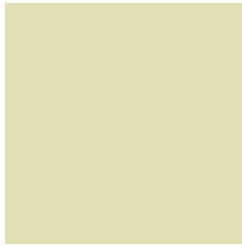
3.2197, 0.1504, 0.0615



0.2411, 0.1517, 0.0659

Previews

White Background



This preview shows how the Yxy color 72.7378, 0.3409, 0.3743 looks on a white background.

Color Contrast Check

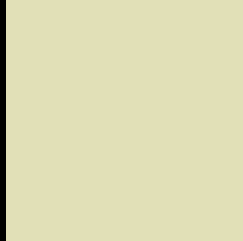
Large Text (above 18pt) WCAG AA × Fail

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 72.7378, 0.3409, 0.3743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

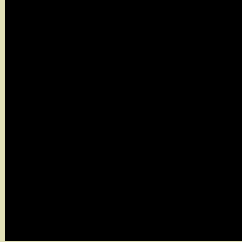
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

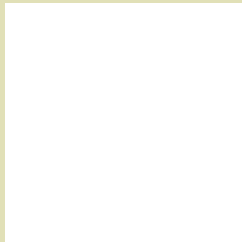
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7378, 0.3409, 0.3743

Background



This preview shows how black text looks on a background with the Yxy color 72.7378, 0.3409, 0.3743.



This preview shows how white text looks on a background with the Yxy color 72.7378, 0.3409, 0.3743.

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

72.7378, 0.3409, 0.3743

Protanopia

72.5827, 0.3490, 0.3713

Deuteranopia

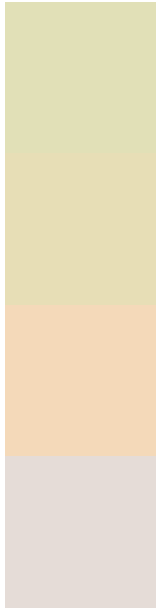
72.3937, 0.3643, 0.3569



Tritanopia

72.7220, 0.3121, 0.3112

Trichromacy



Original Color

72.7378, 0.3409, 0.3743

Protanomaly

72.6089, 0.3465, 0.3727

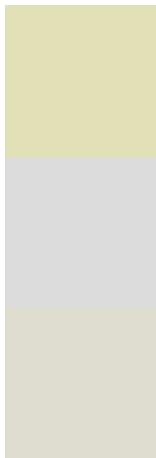
Deuteranomaly

72.3616, 0.3555, 0.3630

Tritanomaly

72.7507, 0.3225, 0.3344

Monochromacy



Original Color

72.7378, 0.3409, 0.3743

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7475, 0.3228, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7378, 0.3409, 0.3743 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(225, 224, 183)` looks like.

```
.text, #text, p{  
    color:rgb(225, 224, 183)  
}
```

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(225, 224, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 224, 183) }
```

Border

The CSS property to change the border of an element to Yxy 72.7378, 0.3409, 0.3743 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(225, 224, 183) }
```

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

```
.border{ border-color:rgb(225, 224, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 224, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 224, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 224, 183);  
box-shadow:4px 4px 4px 4px rgb(225, 224,  
183) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7378, 0.3409, 0.3743$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 224, 183) }
```

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

```
.background{ background-color: rgb(225,  
224, 183) }
```

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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