

Converting Colors

$Y_{xy}(72.9570, 0.3446, 0.3748)$

Have a look what the booklet for
Yxy(72.9570, 0.3446, 0.3748)
contains.

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Color

Yxy(72.8108, 0.3448, 0.3739)

Conversions

Conversions Part 1

Format	Color
Hex	E5DFB6
RGB	229, 223, 182
RGB Percent	90%, 87%, 71%
CMY	0.1020, 0.1255, 0.2862
CMYK	0.00, 0.03, 0.21, 0.10
HSL	52°, 47%, 81%
HSV	52°, 21%, 90%
XYZ	67.1441, 72.8108, 54.7785
YIQ	220.1200, 16.7370, -11.4790

Conversions

Conversions Part 2

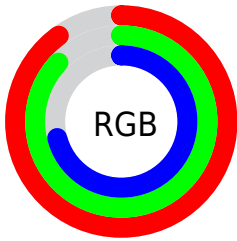
Format	Color
R_{YB}	189, 229, 182
Decimal	15065014
CIE _{Lab}	88.36, -4.51, 20.86
CIE _{LCh}	88, 21.341, 102.198
Yxy	72.8108, 0.3448, 0.3739
Android (android.graphics.Color)	4293255094 (0xFFE5DFB6)
YUV	220.1200, -18.7932, 7.7878
Hunter-Lab	85.3292, -8.8677, 21.6683

Details

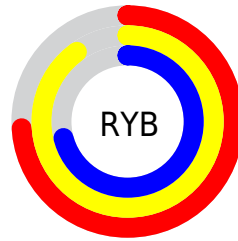
The Yxy color **72.8108, 0.3448, 0.3739** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.5720, 0.2789, 0.2797**, and the grayscale version is **71.7853, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **38.4745, 0.3519, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **70.3968, 0.3614, 0.3963**, and if you desaturate by 10%, it is **75.4130, 0.3287, 0.3517**.

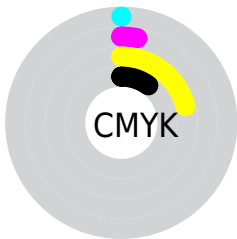
Distribution



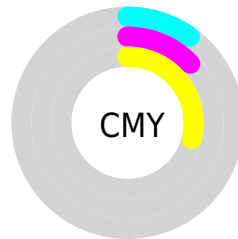
- Red (90%)
- Green (87%)
- Blue (71%)



- Red (74%)
- Yellow (90%)
- Blue (71%)



- Cyan (0%)
- Magenta (3%)
- Yellow (21%)
- Black (10%)





- Cyan (10%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8108, 0.3448, 0.3739 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 72.8108, 0.3448, 0.3739 by changing the saturation by 10% instead.


 72.8108, 0.3448,
0.3739

 72.8108, 0.3448,
0.3739


470.3588, 0.3301,
0.3530

 53.8213, 0.3481,
0.3787


 123.2086, 0.3397,
0.3666

 38.4588, 0.3522,
0.3846


155.3856, 0.3378,
0.3638

 26.3390, 0.3572,
0.3921


192.7273, 0.3360,
0.3614

 17.0774, 0.3637,
0.4020

235.6180, 0.3346,
0.3592

 10.2897, 0.3723,
0.4152

284.4421, 0.3332,
0.3574

 5.5914, 0.3841,
0.4341

339.5840, 0.3321,

 2.5983, 0.4017,

0.3557

0.4637

401.4281, 0.3310,
0.3543

■ 0.9258, 0.4538,
0.5462

■ 0.0000, 0.0000,
0.0000

■ 72.8108, 0.3448,
0.3739

■ 72.8108, 0.3448,
0.3739

■ 70.3968, 0.3614,
0.3963

■ 75.4130, 0.3287,
0.3517

■ 68.1536, 0.3779,
0.4180

■ 78.2008, 0.3135,
0.3301

■ 66.0763, 0.3939,
0.4381

■ 81.1842, 0.2993,
0.3096

■ 64.1556, 0.4087,
0.4556

■ 83.1120, 0.2967,
0.3084

62.3816, 0.4215,
0.4695

84.7942, 0.2968,
0.3114

60.7426, 0.4318,
0.4792

86.5039, 0.2968,
0.3144

59.2251, 0.4392,
0.4843

88.2413, 0.2968,
0.3173

57.8758, 0.4440,
0.4856

90.0065, 0.2969,
0.3203

91.7997, 0.2969,
0.3232

Harmonies

Analogous

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



72.8108, 0.3606, 0.3633



72.8108, 0.3448, 0.3739



72.8108, 0.3208, 0.3719

Triad

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



72.8108, 0.3448, 0.3739



72.8108, 0.2648, 0.3102



72.8108, 0.3292, 0.3033

Complementary

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



72.8108, 0.3448, 0.3739



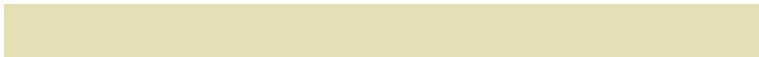
51.5720, 0.2789, 0.2797

Split Complementary

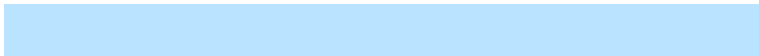
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8108, 0.3030, 0.2902



72.8108, 0.3448, 0.3739



72.8108, 0.2667, 0.2932

Square

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



72.8108, 0.3448, 0.3739



72.8108, 0.2750, 0.3337



72.8108, 0.2804, 0.2863



72.8108, 0.3515, 0.3228

Rectangle

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



72.8108, 0.3448, 0.3739



72.8108, 0.3035, 0.3631



72.8108, 0.2804, 0.2863



72.8108, 0.3205, 0.2981

Sweetspot

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



72.8140, 0.3448, 0.3739



97.8154, 0.3218, 0.3419



53.7624, 0.3483, 0.3220



20.8868, 0.3228, 0.3433



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.



72.8140, 0.3448, 0.3739



91.4771, 0.3524, 0.3843



73.3765, 0.3310, 0.3822



16.4872, 0.3271, 0.3493



33.2165, 0.4436, 0.4860



2.5426, 0.4396, 0.4892

Inverse Universe

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



51.5720, 0.2789, 0.2797



59.3489, 0.2703, 0.2669



51.2943, 0.2915, 0.2744



14.1817, 0.2980, 0.3078



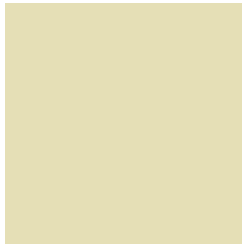
3.8375, 0.1528, 0.0699



0.3801, 0.1584, 0.0901

Previews

White Background



This preview shows how the Yxy color 72.8108, 0.3448, 0.3739 looks on a white background.

Color Contrast Check

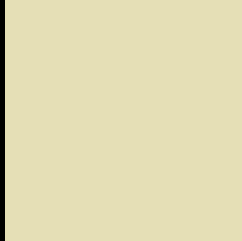
Large Text (above 18pt) WCAG AA × Fail

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 72.8108, 0.3448, 0.3739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

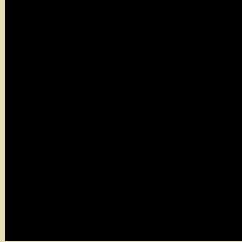
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

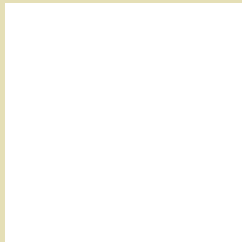
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8108, 0.3448, 0.3739

Background



This preview shows how black text looks on a background with the Yxy color 72.8108, 0.3448, 0.3739.



This preview shows how white text looks on a background with the Yxy color 72.8108, 0.3448, 0.3739.

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

72.8108, 0.3448, 0.3739

Protanopia

72.7113, 0.3505, 0.3723

Deuteranopia

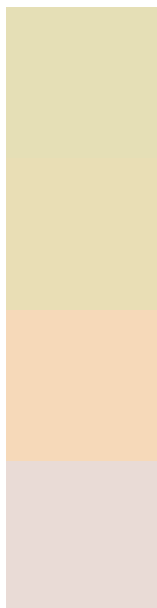
72.3937, 0.3643, 0.3569



Tritanopia

72.8278, 0.3157, 0.3113

Trichromacy



Original Color

72.8108, 0.3448, 0.3739

Protanomaly

72.9024, 0.3488, 0.3735

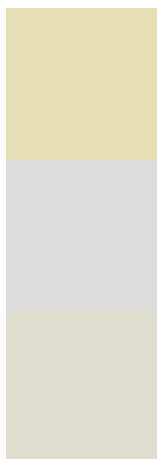
Deuteranomaly

72.7213, 0.3571, 0.3628

Tritanomaly

72.8417, 0.3263, 0.3344

Monochromacy



Original Color

72.8108, 0.3448, 0.3739

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.8571, 0.3242, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8108, 0.3448, 0.3739 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(229, 223, 182)` looks like.

```
.text, #text, p{  
    color:rgb(229, 223, 182)  
}
```

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(229, 223, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 223, 182) }
```

Border

The CSS property to change the border of an element to Yxy 72.8108, 0.3448, 0.3739 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(229, 223, 182) }
```

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

```
.border{ border-color:rgb(229, 223, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 223, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 223, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 223, 182); box-shadow:4px 4px 4px 4px rgb(229, 223, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8108, 0.3448, 0.3739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 223, 182) }
```

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

```
.background{ background-color: rgb(229,  
223, 182) }
```

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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