

Converting Colors

$Yxy(72.1860, 0.3438, 0.3679)$

Have a look what the booklet for
Yxy(72.1860, 0.3438, 0.3679)
contains.

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Color

Yxy(72.0811, 0.3432, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	E6DDBA
RGB	230, 221, 186
RGB Percent	90%, 87%, 73%
CMY	0.0980, 0.1333, 0.2706
CMYK	0.00, 0.04, 0.19, 0.10
HSL	48°, 47%, 82%
HSV	48°, 19%, 90%
XYZ	67.3516, 72.0811, 56.8132
YIQ	219.7010, 16.5990, -8.9770

Conversions

Conversions Part 2

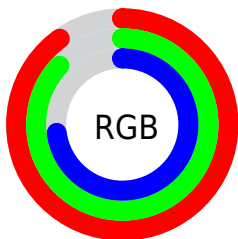
Format	Color
RYB	197, 230, 186
Decimal	15130042
CIELab	88.01, -2.54, 18.31
CIELCh	88, 18.487, 97.907
Yxy	72.0811, 0.3432, 0.3673
Android (android.graphics.Color)	4293320122 (0xFFE6DDBA)
YUV	219.7010, -16.6146, 9.0322
Hunter-Lab	84.9006, -6.9721, 19.7552

Details

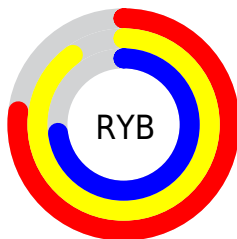
The Yxy color **72.0811, 0.3432, 0.3673** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.1757, 0.2816, 0.2875**, and the grayscale version is **71.4616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **37.9646, 0.3499, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **68.7361, 0.3606, 0.3880**, and if you desaturate by 10%, it is **75.6595, 0.3267, 0.3469**.

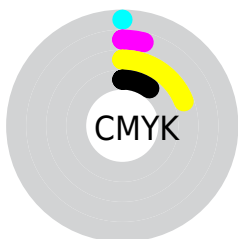
Distribution



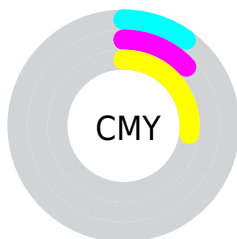
- Red (90%)
- Green (87%)
- Blue (73%)



- Red (77%)
- Yellow (90%)
- Blue (73%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (10%)





- Cyan (10%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.0811, 0.3432, 0.3673 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 72.0811, 0.3432, 0.3673 by changing the saturation by 10% instead.

 72.0811, 0.3432,
0.3673

 72.0811, 0.3432,
0.3673


467.8238, 0.3291,
0.3495

 53.2249, 0.3464,
0.3714


 122.1718, 0.3383,
0.3611

 37.9824, 0.3503,
0.3764


154.1752, 0.3364,
0.3587

 25.9690, 0.3552,
0.3828


191.3297, 0.3348,
0.3566

 16.8004, 0.3616,
0.3912

234.0198, 0.3334,
0.3548

 10.0923, 0.3702,
0.4025

282.6299, 0.3321,
0.3532

 5.4602, 0.3822,
0.4187

337.5443, 0.3310,

 2.5197, 0.3999,

0.3518

0.4434

399.1475, 0.3300,
0.3506

0.8865, 0.4682,
0.5318

0.0000, 0.0000,
0.0000

72.0811, 0.3432,
0.3673

72.0811, 0.3432,
0.3673

68.7361, 0.3606,
0.3880

75.6595, 0.3267,
0.3469

65.6067, 0.3785,
0.4083

79.4692, 0.3114,
0.3273

62.6875, 0.3963,
0.4274

83.5205, 0.2974,
0.3088

59.9689, 0.4135,
0.4442

86.2497, 0.2974,
0.3137

■ 57.4406, 0.4291,
0.4577

■ 89.0500, 0.2975,
0.3184

■ 55.0905, 0.4425,
0.4670

■ 91.9226, 0.2975,
0.3232

■ 52.9048, 0.4530,
0.4716

■ 94.8679, 0.2976,
0.3279

■ 50.8619, 0.4608,
0.4719

■ 95.5629, 0.2976,
0.3290

■ 50.6892, 0.4614,
0.4718

Harmonies

Analogous

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



72.0811, 0.3554, 0.3570



72.0811, 0.3432, 0.3673



72.0811, 0.3230, 0.3671

Triad

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



72.0811, 0.3432, 0.3673



72.0811, 0.2715, 0.3155



72.0811, 0.3239, 0.3045

Complementary

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



72.0811, 0.3432, 0.3673



55.1757, 0.2816, 0.2875

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.



72.0811, 0.3012, 0.2940



72.0811, 0.3432, 0.3673



72.0811, 0.2717, 0.2995

Square

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



72.0811, 0.3432, 0.3673



72.0811, 0.2820, 0.3362



72.0811, 0.2823, 0.2920



72.0811, 0.3441, 0.3210

Rectangle

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



72.0811, 0.3432, 0.3673



72.0811, 0.3080, 0.3605



72.0811, 0.2823, 0.2920



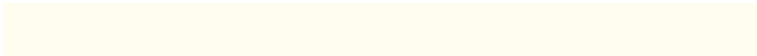
72.0811, 0.3163, 0.3002

Sweetspot

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



72.0843, 0.3432, 0.3673



97.0748, 0.3219, 0.3408



55.9022, 0.3423, 0.3184



20.7113, 0.3229, 0.3421



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.



72.0843, 0.3432, 0.3673



89.3715, 0.3500, 0.3756



74.9715, 0.3324, 0.3780



16.2906, 0.3273, 0.3476



28.8771, 0.4606, 0.4725



2.2606, 0.4534, 0.4782

Inverse Universe

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



55.1757, 0.2816, 0.2875



64.2782, 0.2745, 0.2777



52.8970, 0.2903, 0.2780



14.3618, 0.2980, 0.3097



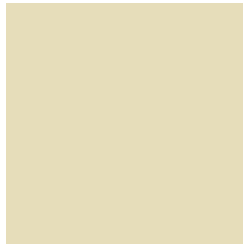
4.5253, 0.1558, 0.0807



0.4653, 0.1630, 0.1067

Previews

White Background



This preview shows how the Yxy color 72.0811, 0.3432, 0.3673 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 72.0811, 0.3432, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

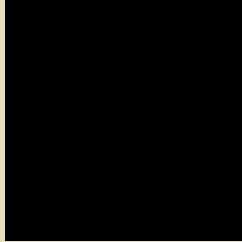
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

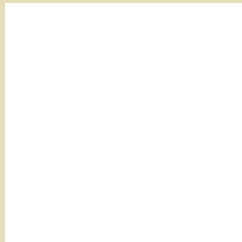
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.0811, 0.3432, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 72.0811, 0.3432, 0.3673.

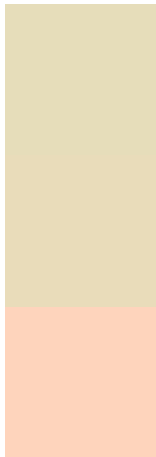


This preview shows how white text looks on a background with the Yxy color 72.0811, 0.3432, 0.3673.

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

72.0811, 0.3432, 0.3673

Protanopia

72.0552, 0.3457, 0.3660

Deuteranopia

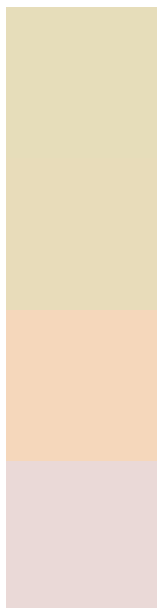
71.7886, 0.3623, 0.3539



Tritanopia

72.2033, 0.3171, 0.3123

Trichromacy



Original Color

72.0811, 0.3432, 0.3673

Protanomaly

71.8874, 0.3449, 0.3661

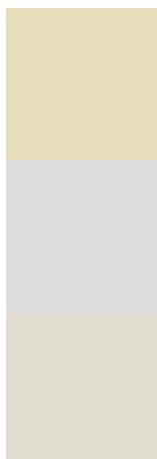
Deuteranomaly

71.6012, 0.3553, 0.3587

Tritanomaly

72.0244, 0.3265, 0.3312

Monochromacy



Original Color

72.0811, 0.3432, 0.3673

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.5878, 0.3237, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.0811, 0.3432, 0.3673 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(230, 221, 186)` looks like.

```
.text, #text, p{  
    color:rgb(230, 221, 186)  
}
```

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(230, 221, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 221, 186) }
```

Border

The CSS property to change the border of an element to Yxy 72.0811, 0.3432, 0.3673 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(230, 221, 186) }
```

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

```
.border{ border-color:rgb(230, 221, 186) }
```

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

Here you see how a box with a 4 pixel rgb(230, 221, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 221, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 221, 186);  
box-shadow:4px 4px 4px 4px rgb(230, 221,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 72.0811, 0.3432, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 221, 186) }
```

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

```
.background{ background-color: rgb(230,  
221, 186) }
```

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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