

Converting Colors

$Yxy(72.7262, 0.3338, 0.3738)$

Have a look what the booklet for
Yxy(72.7262, 0.3338, 0.3738)
contains.

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Color

Yxy(72.8433, 0.3334, 0.3737)

Conversions

Conversions Part 1

Format	Color
Hex	DAE2BA
RGB	218, 226, 186
RGB Percent	85%, 89%, 73%
CMY	0.1448, 0.1138, 0.2706
CMYK	0.04, 0.00, 0.18, 0.11
HSL	72°, 41%, 81%
HSV	72°, 18%, 89%
XYZ	64.9878, 72.8433, 57.0934
YIQ	219.0480, 8.0720, -14.1360

Conversions

Conversions Part 2

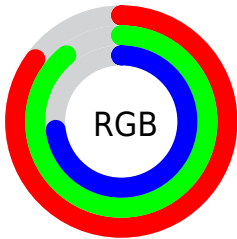
Format	Color
R _{YB}	186, 226, 194
Decimal	14344890
CIE Lab	88.37, -9.39, 18.68
CIE LCh	88, 20.906, 116.704
Yxy	72.8433, 0.3334, 0.3737
Android (android.graphics.Color)	4292534970 (0xFFDAE2BA)
YUV	219.0480, -16.2927, -0.9191
Hunter-Lab	85.3483, -13.4420, 20.0820

Details

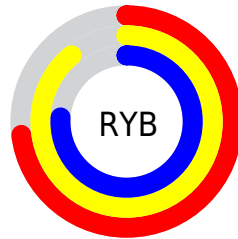
The Yxy color **72.8433, 0.3334, 0.3737** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.0719, 0.2897, 0.2818**, and the grayscale version is **70.9929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **38.6058, 0.3378, 0.3847** is the 20% darker color. If you saturate the color by 10%, you get **71.2788, 0.3451, 0.4002**, and if you desaturate by 10%, it is **74.5849, 0.3216, 0.3479**.

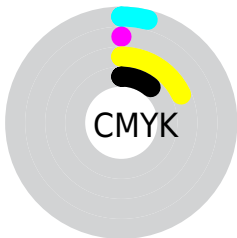
Distribution



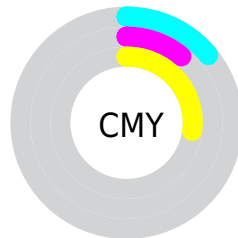
- Red (85%)
- Green (89%)
- Blue (73%)



- Red (73%)
- Yellow (89%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (11%)




- Cyan (14%)
- Magenta (11%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8433, 0.3334, 0.3737 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 72.8433, 0.3334, 0.3737 by changing the saturation by 10% instead.


 72.8433, 0.3334,
0.3737

 72.8433, 0.3334,
0.3737


470.4715, 0.3240,
0.3527

 53.8478, 0.3355,
0.3786


 123.2547, 0.3302,
0.3663

 38.4800, 0.3380,
0.3847

155.4395, 0.3289,
0.3635

 26.3555, 0.3411,
0.3924

192.7895, 0.3279,
0.3610

 17.0898, 0.3451,
0.4026

235.6891, 0.3269,
0.3589

 10.2985, 0.3503,
0.4167

284.5227, 0.3261,
0.3571

 5.5973, 0.3572,
0.4372

339.6747, 0.3253,

 2.6018, 0.3666,

0.3554

0.4694

401.5295, 0.3246,
0.3540

■ 0.9276, 0.4127,
0.5873

■ 0.0000, 0.0000,
0.0000

■ 72.8433, 0.3334,
0.3737

■ 72.8433, 0.3334,
0.3737

■ 71.2788, 0.3451,
0.4002

■ 74.5849, 0.3216,
0.3479

■ 69.8744, 0.3562,
0.4268

■ 76.5008, 0.3101,
0.3235

■ 68.6256, 0.3662,
0.4524

■ 78.6005, 0.2990,
0.3007

■ 67.5238, 0.3746,
0.4759

■ 79.4339, 0.3012,
0.2998

66.5594, 0.3809,
0.4963

80.2099, 0.3042,
0.3000

65.7219, 0.3847,
0.5127

81.0052, 0.3072,
0.3003

64.9985, 0.3859,
0.5244

81.8199, 0.3102,
0.3006

64.3720, 0.3847,
0.5317

82.6543, 0.3133,
0.3008

64.2349, 0.3842,
0.5331

82.8653, 0.3140,
0.3009

Harmonies

Analogous

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



72.8433, 0.3535, 0.3690



72.8433, 0.3334, 0.3737



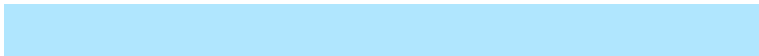
72.8433, 0.3083, 0.3653

Triad

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



72.8433, 0.3334, 0.3737



72.8433, 0.2651, 0.3014



72.8433, 0.3403, 0.3125

Complementary

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



72.8433, 0.3334, 0.3737



52.0719, 0.2897, 0.2818

Split Complementary

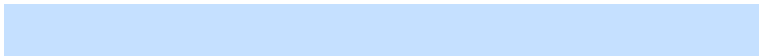
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.8433, 0.3156, 0.2962



72.8433, 0.3334, 0.3737



72.8433, 0.2728, 0.2893

Square

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



72.8433, 0.3334, 0.3737



72.8433, 0.2695, 0.3220



72.8433, 0.2910, 0.2877



72.8433, 0.3578, 0.3332

Rectangle

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



72.8433, 0.3334, 0.3737



72.8433, 0.2922, 0.3532



72.8433, 0.2910, 0.2877



72.8433, 0.3325, 0.3064

Sweetspot

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



72.8465, 0.3334, 0.3737



98.7299, 0.3185, 0.3413



58.0018, 0.3454, 0.3374



21.0951, 0.3194, 0.3431



0.0000, 0.0000, 0.0000



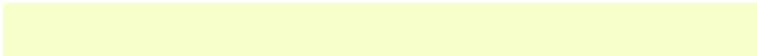
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8465, 0.3334, 0.3737



95.0613, 0.3375, 0.3828



70.0277, 0.3193, 0.3757



15.8852, 0.3237, 0.3524



36.7017, 0.3848, 0.5327



2.5793, 0.3904, 0.5282

Inverse Universe

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



52.0719, 0.2897, 0.2818



63.2093, 0.2845, 0.2716



54.8070, 0.3047, 0.2839



13.3734, 0.3011, 0.3050



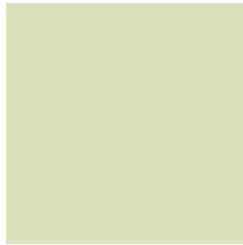
3.4875, 0.1599, 0.0655



0.2791, 0.1742, 0.0733

Previews

White Background



This preview shows how the Yxy color 72.8433, 0.3334, 0.3737 looks on a white background.

Color Contrast Check

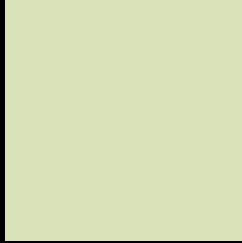
Large Text (above 18pt) WCAG AA × Fail

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 72.8433, 0.3334, 0.3737 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

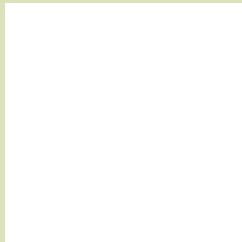
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8433, 0.3334, 0.3737

Background



This preview shows how black text looks on a background with the Yxy color 72.8433, 0.3334, 0.3737.



This preview shows how white text looks on a background with the Yxy color 72.8433, 0.3334, 0.3737.

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

72.8433, 0.3334, 0.3737

Protanopia

72.6660, 0.3476, 0.3691

Deuteranopia

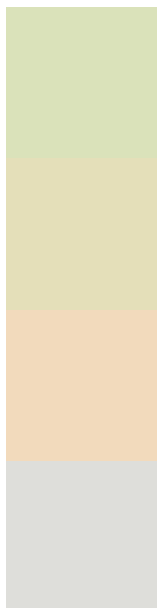
72.5226, 0.3621, 0.3538



Tritanopia

72.7267, 0.3058, 0.3110

Trichromacy



Original Color

72.8433, 0.3334, 0.3737

Protanomaly

72.7721, 0.3420, 0.3707

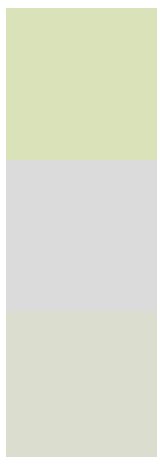
Deuteranomaly

72.6509, 0.3516, 0.3609

Tritanomaly

72.8341, 0.3153, 0.3334

Monochromacy



Original Color

72.8433, 0.3334, 0.3737

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.8076, 0.3205, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8433, 0.3334, 0.3737 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(218, 226, 186)` looks like.

```
.text, #text, p{  
    color:rgb(218, 226, 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(218, 226, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 226, 186) }
```

Border

The CSS property to change the border of an element to Yxy 72.8433, 0.3334, 0.3737 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(218, 226, 186) }
```

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

```
.border{ border-color:rgb(218, 226, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 226, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(218, 226, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(218, 226, 186); box-shadow:4px 4px 4px 4px rgb(218, 226, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8433, 0.3334, 0.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 226, 186) }
```

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

```
.background{ background-color: rgb(218,  
226, 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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