

Converting Colors

$Yxy(72.6840, 0.3373, 0.3766)$

Have a look what the booklet for
Yxy(72.6840, 0.3373, 0.3766)
contains.

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Color

Yxy(72.4850, 0.3370, 0.3759)

Conversions

Conversions Part 1

Format	Color
Hex	DCE1B7
RGB	220, 225, 183
RGB Percent	86%, 88%, 72%
CMY	0.1373, 0.1176, 0.2824
CMYK	0.02, 0.00, 0.19, 0.12
HSL	67°, 41%, 80%
HSV	67°, 19%, 88%
XYZ	64.9839, 72.4850, 55.3616
YIQ	218.7170, 10.5020, -14.1220

Conversions

Conversions Part 2

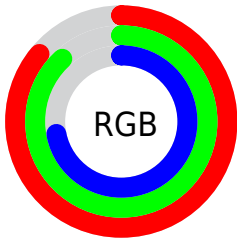
Format	Color
RYB	183, 225, 188
Decimal	14475703
CIELab	88.20, -8.66, 20.03
CIELCh	88, 21.822, 113.395
Yxy	72.4850, 0.3370, 0.3759
Android (android.graphics.Color)	4292665783 (0xFFDCE1B7)
YUV	218.7170, -17.6085, 1.1252
Hunter-Lab	85.1381, -12.7469, 21.0430

Details

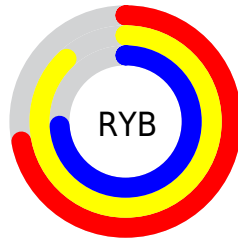
The Yxy color **72.4850, 0.3370, 0.3759** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.9951, 0.2857, 0.2786**, and the grayscale version is **70.7511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **38.3605, 0.3426, 0.3874** is the 20% darker color. If you saturate the color by 10%, you get **71.2085, 0.3500, 0.4019**, and if you desaturate by 10%, it is **73.9244, 0.3239, 0.3503**.

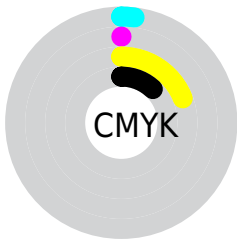
Distribution



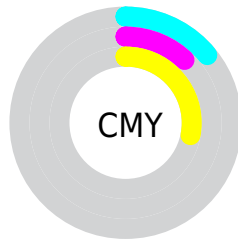
- Red (86%)
- Green (88%)
- Blue (72%)



- Red (72%)
- Yellow (88%)
- Blue (74%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (12%)




- Cyan (14%)
- Magenta (12%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4850, 0.3370, 0.3759 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 72.4850, 0.3370, 0.3759 by changing the saturation by 10% instead.

 72.4850, 0.3370,
0.3759

 72.4850, 0.3370,
0.3759


469.2280, 0.3260,
0.3538

 53.5550, 0.3395,
0.3810


 122.7458, 0.3332,
0.3682

 38.2460, 0.3424,
0.3874


154.8454, 0.3317,
0.3652

 26.1737, 0.3462,
0.3955


192.1036, 0.3305,
0.3626

 16.9536, 0.3509,
0.4061

234.9048, 0.3293,
0.3604

 10.2014, 0.3571,
0.4208

283.6335, 0.3283,
0.3585

 5.5327, 0.3653,
0.4419

338.6740, 0.3275,

 2.5631, 0.3770,

0.3567

0.4757

400.4107, 0.3267,
0.3552

0.9081, 0.4177,
0.5823

0.0000, 0.0000,
0.0000

72.4850, 0.3370,
0.3759

72.4850, 0.3370,
0.3759

71.2085, 0.3500,
0.4019

73.9244, 0.3239,
0.3503

70.0782, 0.3625,
0.4275

75.5239, 0.3110,
0.3258

69.0896, 0.3738,
0.4517

77.2928, 0.2987,
0.3027

68.2343, 0.3835,
0.4735

78.0230, 0.2978,
0.2984

67.5029, 0.3910,
0.4919

78.4735, 0.2996,
0.2986

66.8847, 0.3959,
0.5061

78.9309, 0.3013,
0.2988

66.3672, 0.3982,
0.5158

79.3952, 0.3031,
0.2989

65.9314, 0.3982,
0.5214

79.8665, 0.3049,
0.2991

65.8763, 0.3982,
0.5220

80.3448, 0.3068,
0.2993

Harmonies

Analogous

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



72.4850, 0.3571, 0.3694



72.4850, 0.3370, 0.3759



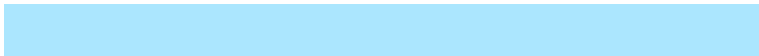
72.4850, 0.3110, 0.3687

Triad

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



72.4850, 0.3370, 0.3759



72.4850, 0.2629, 0.3021



72.4850, 0.3390, 0.3096

Complementary

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



72.4850, 0.3370, 0.3759



49.9951, 0.2857, 0.2786

Split Complementary

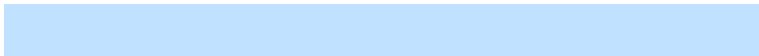
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4850, 0.3127, 0.2933



72.4850, 0.3370, 0.3759



72.4850, 0.2696, 0.2884

Square

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



72.4850, 0.3370, 0.3759



72.4850, 0.2689, 0.3244



72.4850, 0.2875, 0.2856



72.4850, 0.3585, 0.3309

Rectangle

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



72.4850, 0.3370, 0.3759



72.4850, 0.2939, 0.3567



72.4850, 0.2875, 0.2856



72.4850, 0.3306, 0.3034

Sweetspot

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



72.4882, 0.3370, 0.3759



98.7081, 0.3205, 0.3438



55.3500, 0.3481, 0.3347



21.0985, 0.3213, 0.3454



0.0000, 0.0000, 0.0000



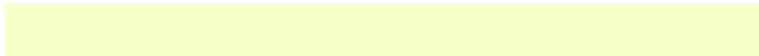
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4882, 0.3370, 0.3759



95.6488, 0.3416, 0.3849



69.4305, 0.3217, 0.3782



15.9421, 0.3249, 0.3523



37.9910, 0.3985, 0.5218



2.6571, 0.4019, 0.5191

Inverse Universe

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



49.9951, 0.2857, 0.2786



61.0866, 0.2799, 0.2680



52.8428, 0.3020, 0.2810



13.3214, 0.2999, 0.3049



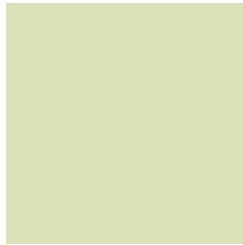
3.2924, 0.1545, 0.0625



0.2545, 0.1649, 0.0682

Previews

White Background



This preview shows how the Yxy color 72.4850, 0.3370, 0.3759 looks on a white background.

Color Contrast Check

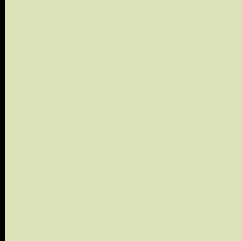
Large Text (above 18pt) WCAG AA × Fail

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 72.4850, 0.3370, 0.3759 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

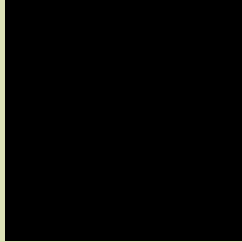
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

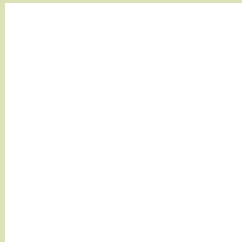
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4850, 0.3370, 0.3759

Background



This preview shows how black text looks on a background with the Yxy color 72.4850, 0.3370, 0.3759.



This preview shows how white text looks on a background with the Yxy color 72.4850, 0.3370, 0.3759.

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

72.4850, 0.3370, 0.3759

Protanopia

72.5415, 0.3497, 0.3724

Deuteranopia

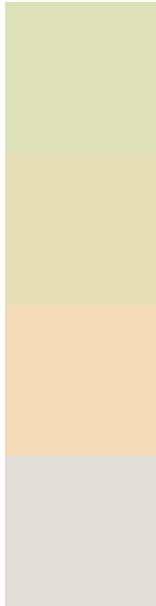
72.3513, 0.3651, 0.3580



Tritanopia

72.4719, 0.3079, 0.3110

Trichromacy



Original Color

72.4850, 0.3370, 0.3759

Protanomaly

72.2780, 0.3450, 0.3729

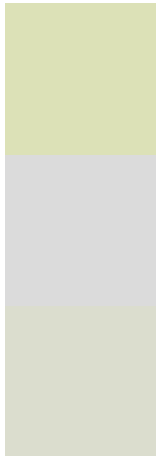
Deuteranomaly

71.9636, 0.3547, 0.3642

Tritanomaly

72.5181, 0.3182, 0.3344

Monochromacy



Original Color

72.4850, 0.3370, 0.3759

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.2292, 0.3213, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4850, 0.3370, 0.3759 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(220, 225, 183)` looks like.

```
.text, #text, p{  
    color:rgb(220, 225, 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(220, 225, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 225, 183) }
```

Border

The CSS property to change the border of an element to Yxy 72.4850, 0.3370, 0.3759 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(220, 225, 183) }
```

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

```
.border{ border-color:rgb(220, 225, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 225, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 225, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 225, 183);  
box-shadow:4px 4px 4px 4px rgb(220, 225,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4850, 0.3370, 0.3759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 225, 183) }
```

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

```
.background{ background-color: rgb(220,  
225, 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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