

Converting Colors

$Yxy(72.4496, 0.3396, 0.3871)$

Have a look what the booklet for
Yxy(72.4496, 0.3396, 0.3871)
contains.

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Color

Yxy(72.7850, 0.3398, 0.3875)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D9E3AF |
| RGB | 217, 227, 175 |
| RGB Percent | 85%, 89%, 69% |
| CMY | 0.1489, 0.1098, 0.3139 |
| CMYK | 0.04, 0.00, 0.23, 0.11 |
| HSL | 71°, 48%, 79% |
| HSV | 71°, 23%, 89% |
| XYZ | 63.8254, 72.7850, 51.2219 |
| YIQ | 218.0820, 10.7320, -18.2920 |

Conversions

Conversions Part 2

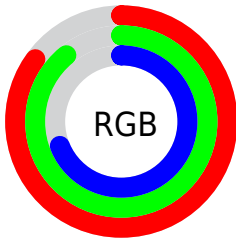
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 175, 227, 185 |
| Decimal | 14279599 |
| CIELab | 88.35, -11.92, 24.36 |
| CIELCh | 88, 27.117, 116.070 |
| Yxy | 72.7850, 0.3398, 0.3875 |
| Android (android.graphics.Color) | 4292469679 (0xFFD9E3AF) |
| YUV | 218.0820, -21.2394, -0.9489 |
| Hunter-Lab | 85.3141, -15.7599, 24.1227 |

Details

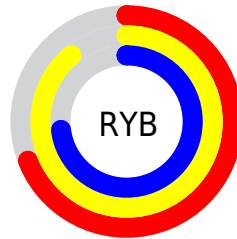
The Yxy color **72.7850, 0.3398, 0.3875** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.4973, 0.2815, 0.2661**, and the grayscale version is **70.3169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **38.5916, 0.3459, 0.4025** is the 20% darker color. If you saturate the color by 10%, you get **71.3122, 0.3513, 0.4141**, and if you desaturate by 10%, it is **74.4317, 0.3279, 0.3613**.

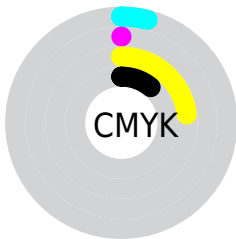
Distribution



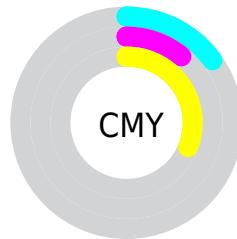
- Red (85%)
- Green (89%)
- Blue (69%)



- Red (69%)
- Yellow (89%)
- Blue (73%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (11%)




- Cyan (15%)
- Magenta (11%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7850, 0.3398, 0.3875 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 72.7850, 0.3398, 0.3875 by changing the saturation by 10% instead.

 72.7850, 0.3398,
0.3875

 72.7850, 0.3398,
0.3875


470.2693, 0.3277,
0.3599

 53.8002, 0.3424,
0.3939

 123.1719, 0.3357,
0.3778

 38.4419, 0.3456,
0.4019

155.3429, 0.3341,
0.3741

 26.3259, 0.3495,
0.4120

192.6779, 0.3326,
0.3709

 17.0676, 0.3544,
0.4254

235.5615, 0.3314,
0.3681

 10.2827, 0.3606,
0.4437

284.3781, 0.3303,
0.3657

 5.5868, 0.3682,
0.4699

339.5120, 0.3293,

 2.5955, 0.3819,

0.3635

401.3476, 0.3285,
0.3616

0.5169

0.9244, 0.3885,
0.6115

0.0000, 0.0000,
0.0000

72.7850, 0.3398,
0.3875

72.7850, 0.3398,
0.3875

71.3122, 0.3513,
0.4141

74.4317, 0.3279,
0.3613

69.9961, 0.3621,
0.4402


76.2498, 0.3161,
0.3361

68.8316, 0.3714,
0.4648


78.2491, 0.3047,
0.3124

67.8096, 0.3789,
0.4867

79.7232, 0.3002,
0.3007


 66.9199, 0.3841,
0.5049

 80.4703, 0.3031,
0.3010

 66.1508, 0.3866,
0.5187

 81.2356, 0.3060,
0.3012

 65.4881, 0.3866,
0.5279

 82.0192, 0.3089,
0.3015

 65.0676, 0.3854,
0.5322

 82.8213, 0.3118,
0.3017

 83.4184, 0.3140,
0.3019

Harmonies

Analogous

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



72.7850, 0.3659, 0.3802



72.7850, 0.3398, 0.3875



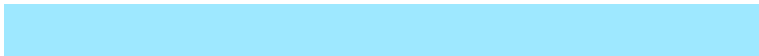
72.7850, 0.3073, 0.3772

Triad

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



72.7850, 0.3398, 0.3875



72.7850, 0.2517, 0.2934



72.7850, 0.3479, 0.3072

Complementary

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



72.7850, 0.3398, 0.3875



46.4973, 0.2815, 0.2661

Split Complementary

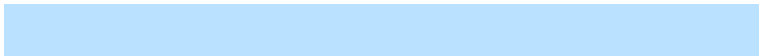
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7850, 0.3155, 0.2867



72.7850, 0.3398, 0.3875



72.7850, 0.2610, 0.2781

Square

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



72.7850, 0.3398, 0.3875



72.7850, 0.2574, 0.3201



72.7850, 0.2839, 0.2761



72.7850, 0.3712, 0.3333

Rectangle

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



72.7850, 0.3398, 0.3875



72.7850, 0.2866, 0.3613



72.7850, 0.2839, 0.2761



72.7850, 0.3376, 0.2995

Sweetspot

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



72.7882, 0.3398, 0.3875



98.2603, 0.3209, 0.3463



53.9147, 0.3574, 0.3401



21.0008, 0.3217, 0.3479



0.0000, 0.0000, 0.0000



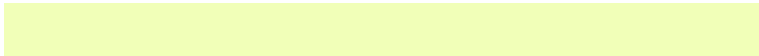
21.4041, 0.3127, 0.3290

Same Dimension

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



72.7882, 0.3398, 0.3875



93.7209, 0.3459, 0.4015



69.1656, 0.3212, 0.3911



16.6703, 0.3238, 0.3524



37.9962, 0.3859, 0.5318



2.8438, 0.3911, 0.5277

Inverse Universe

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



46.4973, 0.2815, 0.2661



53.2433, 0.2729, 0.2497



49.9696, 0.3018, 0.2697



14.0194, 0.3010, 0.3049



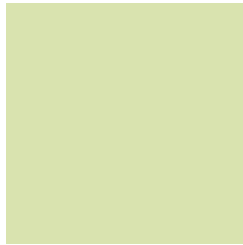
3.5780, 0.1593, 0.0651



0.3021, 0.1725, 0.0724

Previews

White Background



This preview shows how the Yxy color 72.7850, 0.3398, 0.3875 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 72.7850, 0.3398, 0.3875 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

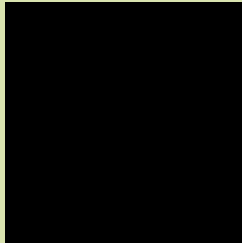
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7850, 0.3398, 0.3875

Background



This preview shows how black text looks on a background with the Yxy color 72.7850, 0.3398, 0.3875.

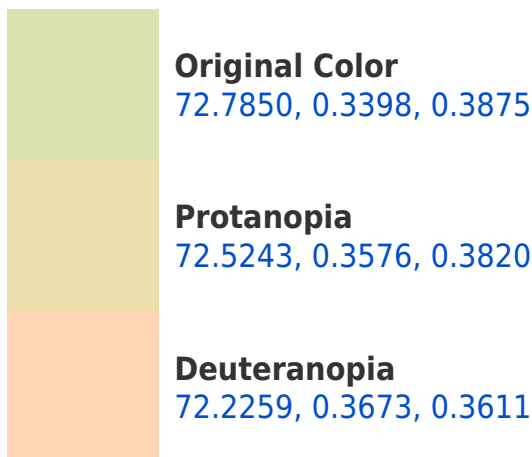


This preview shows how white text looks on a background with the Yxy color 72.7850, 0.3398, 0.3875.

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

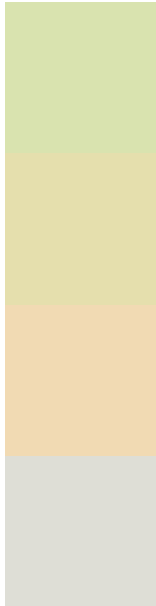




Tritanopia

72.7267, 0.3058, 0.3110

Trichromacy



Original Color

72.7850, 0.3398, 0.3875

Protanomaly

72.4505, 0.3510, 0.3839

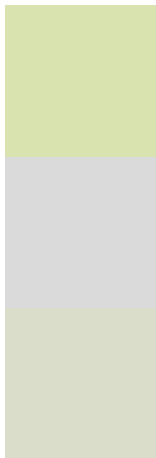
Deuteranomaly

72.0983, 0.3573, 0.3707

Tritanomaly

72.6272, 0.3180, 0.3377

Monochromacy



Original Color

72.7850, 0.3398, 0.3875

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.8826, 0.3232, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7850, 0.3398, 0.3875 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(217, 227, 175)` looks like.

```
.text, #text, p{  
    color:rgb(217, 227, 175)  
}
```

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(217, 227, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 227, 175) }
```

Border

The CSS property to change the border of an element to Yxy 72.7850, 0.3398, 0.3875 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(217, 227, 175) }
```

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

```
.border{ border-color:rgb(217, 227, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 227, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 227, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 227, 175);  
box-shadow:4px 4px 4px 4px rgb(217, 227,  
175) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7850, 0.3398, 0.3875$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 227, 175) }
```

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

```
.background{ background-color: rgb(217,  
227, 175) }
```

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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