

Converting Colors

$Yxy(73.5768, 0.3387, 0.3798)$

Have a look what the booklet for
Yxy(73.5768, 0.3387, 0.3798)
contains.

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Color

Yxy(73.6465, 0.3387, 0.3801)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DDE3B5 |
| RGB | 221, 227, 181 |
| RGB Percent | 87%, 89%, 71% |
| CMY | 0.1334, 0.1098, 0.2901 |
| CMYK | 0.03, 0.00, 0.20, 0.11 |
| HSL | 68°, 45%, 80% |
| HSV | 68°, 20%, 89% |
| XYZ | 65.6250, 73.6465, 54.4841 |
| YIQ | 219.9620, 11.1900, -15.5780 |

Conversions

Conversions Part 2

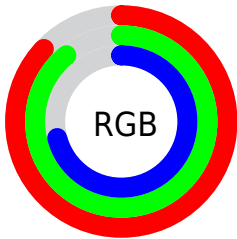
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 181, 227, 187 |
| Decimal | 14541749 |
| CIELab | 88.76, -9.61, 21.83 |
| CIELCh | 89, 23.851, 113.753 |
| Yxy | 73.6465, 0.3387, 0.3801 |
| Android (android.graphics.Color) | 4292731829 (0xFFDDE3B5) |
| YUV | 219.9620, -19.2083, 0.9103 |
| Hunter-Lab | 85.8175, -13.6810, 22.4301 |

Details

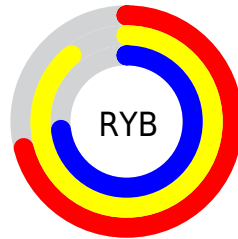
The Yxy color **73.6465, 0.3387, 0.3801** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **49.1758, 0.2835, 0.2739**, and the grayscale version is **71.6737, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **39.1706, 0.3447, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **72.3291, 0.3515, 0.4062**, and if you desaturate by 10%, it is **75.1306, 0.3258, 0.3544**.

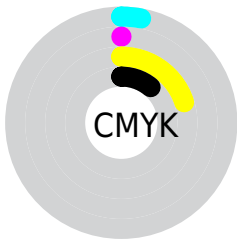
Distribution



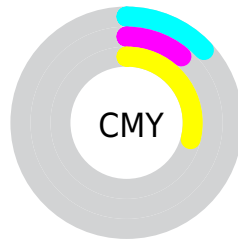
- Red (87%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (73%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)




- Cyan (13%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6465, 0.3387, 0.3801 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 73.6465, 0.3387, 0.3801 by changing the saturation by 10% instead.

 73.6465, 0.3387,
0.3801

 73.6465, 0.3387,
0.3801


473.2524, 0.3270,
0.3561

 54.5048, 0.3413,
0.3856

 124.3946, 0.3347,
0.3717

 39.0054, 0.3444,
0.3925


156.7697, 0.3331,
0.3685

 26.7639, 0.3483,
0.4013


194.3247, 0.3318,
0.3657

 17.3960, 0.3532,
0.4128

237.4441, 0.3306,
0.3633

 10.5172, 0.3595,
0.4285

286.5121, 0.3295,
0.3611

 5.7432, 0.3678,
0.4511

341.9133, 0.3286,

 2.6896, 0.3796,

0.3593

0.4873

404.0319, 0.3277,
0.3576

0.9719, 0.4140,
0.5860

0.0000, 0.0000,
0.0000

73.6465, 0.3387,
0.3801

73.6465, 0.3387,
0.3801

72.3291, 0.3515,
0.4062

75.1306, 0.3258,
0.3544

71.1612, 0.3636,
0.4318


76.7784, 0.3130,
0.3296


70.1380, 0.3745,
0.4559

78.5997, 0.3008,
0.3063

69.2508, 0.3836,
0.4774


79.4689, 0.2992,
0.3006


 68.4899, 0.3905,
0.4955


 79.9741, 0.3012,
0.3008

 67.8440, 0.3948,
0.5092

 80.4877, 0.3031,
0.3010

 67.2999, 0.3965,
0.5184

 81.0098, 0.3051,
0.3011

 66.8455, 0.3961,
0.5237

 81.5406, 0.3071,
0.3013

 82.0799, 0.3091,
0.3015

Harmonies

Analogous

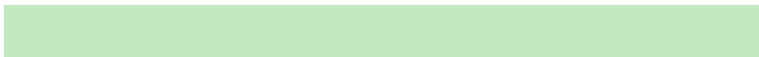
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6465, 0.3607, 0.3730



73.6465, 0.3387, 0.3801



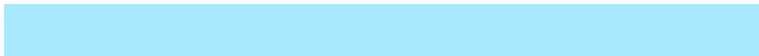
73.6465, 0.3104, 0.3721

Triad

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



73.6465, 0.3387, 0.3801



73.6465, 0.2588, 0.2995



73.6465, 0.3415, 0.3082

Complementary

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



73.6465, 0.3387, 0.3801



49.1758, 0.2835, 0.2739

Split Complementary

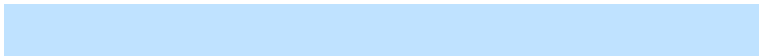
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.6465, 0.3130, 0.2906



73.6465, 0.3387, 0.3801



73.6465, 0.2661, 0.2849

Square

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



73.6465, 0.3387, 0.3801



73.6465, 0.2650, 0.3235



73.6465, 0.2855, 0.2820



73.6465, 0.3627, 0.3312

Rectangle

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



73.6465, 0.3387, 0.3801



73.6465, 0.2919, 0.3590



73.6465, 0.2855, 0.2820



73.6465, 0.3324, 0.3015

Sweetspot

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



73.6498, 0.3387, 0.3801



98.6748, 0.3203, 0.3438



54.9516, 0.3518, 0.3352



21.0906, 0.3212, 0.3454



0.0000, 0.0000, 0.0000



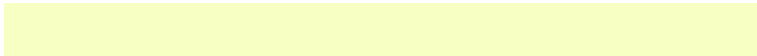
21.4041, 0.3127, 0.3290

Same Dimension

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



73.6498, 0.3387, 0.3801



95.1751, 0.3437, 0.3903



70.3756, 0.3224, 0.3828



16.7163, 0.3247, 0.3524



39.0171, 0.3965, 0.5234



2.9100, 0.4000, 0.5206

Inverse Universe

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



49.1758, 0.2835, 0.2739



58.2472, 0.2769, 0.2618



52.2151, 0.3009, 0.2766



13.9773, 0.3000, 0.3048



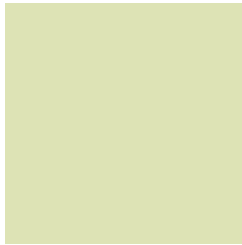
3.4216, 0.1551, 0.0628



0.2822, 0.1656, 0.0686

Previews

White Background



This preview shows how the Yxy color 73.6465, 0.3387, 0.3801 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 73.6465, 0.3387, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

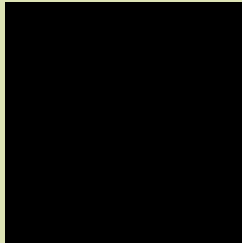
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

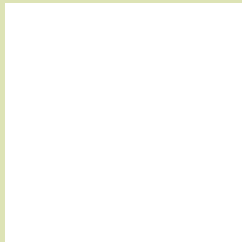
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6465, 0.3387, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 73.6465, 0.3387, 0.3801.

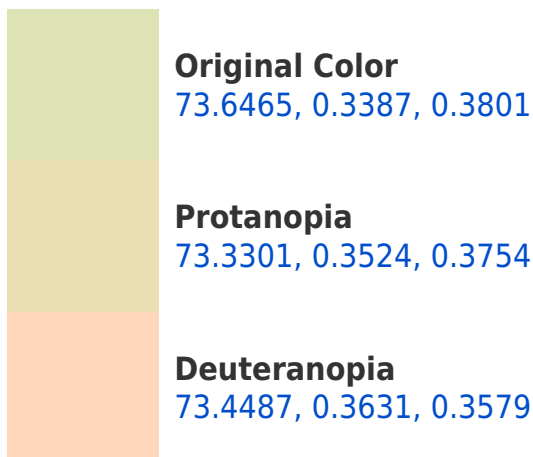


This preview shows how white text looks on a background with the Yxy color 73.6465, 0.3387, 0.3801.

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

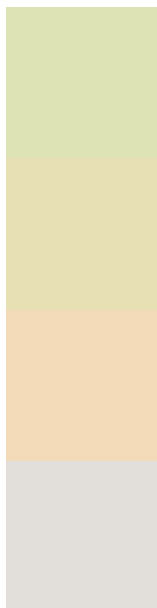




Tritanopia

73.4355, 0.3080, 0.3101

Trichromacy



Original Color

73.6465, 0.3387, 0.3801

Protanomaly

73.5955, 0.3475, 0.3769

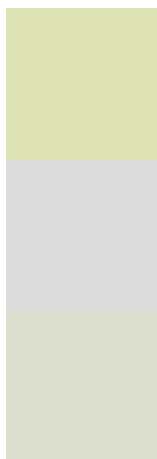
Deuteranomaly

73.2205, 0.3543, 0.3651

Tritanomaly

73.4211, 0.3189, 0.3344

Monochromacy



Original Color

73.6465, 0.3387, 0.3801

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.4472, 0.3218, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6465, 0.3387, 0.3801 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(221, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(221, 227, 181)  
}
```

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(221, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 227, 181) }
```

Border

The CSS property to change the border of an element to Yxy 73.6465, 0.3387, 0.3801 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(221, 227, 181) }
```

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

```
.border{ border-color:rgb(221, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 227, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 227, 181); box-shadow:4px 4px 4px 4px rgb(221, 227, 181) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6465, 0.3387, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 227, 181) }
```

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

```
.background{ background-color: rgb(221,  
227, 181) }
```

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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